Site Characterization and Remedial Investigation Report

Tor Valley, Inc.
265 S Little Tor Road
New City, New York 10956

NYSDEC POTENTIAL SITE NUMBER: 334084
ECMS PROJECT NUMBER: 23.528
DATE: FEBRUARY 16, 2024

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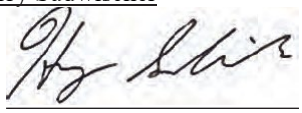
Certification:

I Harry Sudwischer, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER approved modifications.

- I had primary responsibility for implementation of the Site Characterization Remedial Investigation Report for activities completed at 265 S Little Tor Road, New City, New York. The NYSDEC has identified the Site as a "P" or potential site with a Site Number of 334084. The site was formerly designated as NYSDEC VCP Site Number V00310.

QEP Name: Harry Sudwischer

QEP Signature:  Date: February 16, 2024October 25, 2024

Site Characterization and Remedial Investigation Report

1.0 INTRODUCTION

This report presents the results of the site characterization investigation, which included a vapor intrusion investigation and a groundwater sampling event conducted at 265 S Little Tor Road, New City, New York ("Site") by Environmental Consulting and Management Services, Inc. (ECMS) to satisfy the requirements of the New York State Department of Environmental Conservation (NYSDEC) in accordance with the Order on Consent, dated March 17, 2022 (Consent Order). The purpose of the site characterization was to assess if there is a potential risk of vapor intrusion into the onsite building due to a historical release of tetrachloroethylene (PCE) at the site. The primary contaminants of concern (COC) were PCE and its associated breakdown products. As part of the Investigation ECMS installed temporary monitoring wells to sample groundwater to assess if the water quality meets state standards. The NYSDEC has identified the Site as a "P" or potential site with a Site Number of 334084.[1] Therefore, it is not currently listed in the NYS Registry of Inactive Hazardous Waste Disposal Sites.

The site activities and this report were prepared in general accordance with NYSDEC Division of Environmental Remediation (DER) Program Policy: DER-10/Technical Guidance for Site Investigation and Remediation issued May 3, 2010 (NYSDEC DER-10).

This report includes data collected during investigative and interim remedial activities conducted from November 2005 through June 2022. The investigative and remedial activities conducted at the Site were performed in accordance with work plans approved by the NYSDEC and New York State Department of Health (NYSDOH).

2.0 SITE BACKGROUND

The previous owner, Tor Valley Inc., constructed the commercial building in 1964 on previously undeveloped land. The building was constructed with an onsite sanitary disposal system in 1964. The system consisted of a septic tank and cesspools. The sanitary system was abandoned in January 1979 during connection of the building with the public sewer.

3.0 SITE CHARACTERIZATION

3.1 Site Description

The site is situated at the corner of Little Tor Road and New Valley Road in New City, Town of Clarkstown, Rockland County, New York. The site is approximately 1.5 acres and improved with one two-story commercial building and one two-story restaurant building. The commercial building is currently occupied by tenants. A dry cleaner service was formerly a tenant in the commercial building. See **Figure 1, Site Location Map** and **Figure 2, P-Site 344084 Remedial Boundary**.

3.2 Geology and Hydrogeology

The following description was drafted by Impact Environmental Consulting as part of the Phase II Remedial Investigation Report: 2nd Mobilization, dated January 20, 2010. Based on ECMS' review of the site it is an accurate depiction of the site's geology and hydrogeology.

[1] The site was formerly designated as NYSDEC VCP Site Number V00310.

"The property is quite close to the northwest-southeast trending boundary between the Palisades diabase sill to the northeast that intruded into the Triassic Brunswick Formation consisting of arkose sandstone, mudstone, conglomerate, and siltstone characterized by the red color of the iron oxide.

Driven by the Geoprobe from April 14 to 16, 1999, nine soil borings penetrated an average of 15 feet of Pleistocene glacial till immediately west and north of the strip mall building. The till has the characteristic red color of the Brunswick Formation from which it is derived and deposited on till plains. Frequently gravel size rock fragments of dark gray crystalline diabase remnants of the Palisades Sill encountered randomly in the overburden indicative of the proximity of the igneous intrusive rock beneath.

Quite different subsurface conditions were encountered in ten additional Geoprobe borings and four micro-monitoring wells driven and installed on May 17 and 18, 1999. Six borings reached refusal at a depth of 4 to 6 feet below the ground surface in the area to the northwest believed to be the direction of groundwater flow based on the interpretation of the data from the first field mobilization. Four micro-monitoring wells were installed, including two that were dry after heavy rainfall.

All the borings reached refusal, often ending in dark gray to black fine crystalline rock fragments indicative of the diabase bedrock of the Palisades Sill directly beneath the red till. A contour map of the elevation of refusal in the twenty soil borings portrays a buried bedrock valley and bedrock ridge, given that refusal is evidence of the overburden-bedrock interface. After erosion of the bedrock, glacial till was deposited in the valley. The axis of the valley trends down gradient from the southeast to northwest.

The site hydrogeology is interpreted from twenty soil borings driven by Geoprobe and thirteen micro-monitoring wells installed in selected borings during two Geoprobe field mobilizations (April and May 1999). The New York Geologic Map (NYSGS, 1970) and the Soil Survey of Rockland County (USDA, 1990) were referenced for background information.

This hydrogeologic interpretation is based on two sets of water levels measurements, first with ten micro-monitoring wells (April 27, 1999) and second with fourteen wells (May 25, 1999). The surface elevations of the monitoring wells and the water levels are relative to an arbitrary elevation of one hundred feet on the ground surface at the corner at the northwest corner of the two-story Tor Valley shopping plaza.

During the drilling, the water table was encountered deeper in the till than the equilibrium water levels recorded on April 27, 1999, in the micro-monitoring wells. The first potentiometric surface indicated that the horizontal groundwater flow direction was generally west down the valley wall and north along the valley axis at the foot of the parking lot.

The additional Geoprobe borings and micro-monitoring wells enhanced the hydrogeologic interpretation and modified the interpreted groundwater flow direction in the area of MW-3, MW-8, and MW-9. Discovery of the east-west trending bedrock ridge requires a change in the direction of groundwater from northward to the northwestward flow farther down the hill and then to the north (parallel to the stream farther west) to skirt the west end of the bedrock ridge. Also, the potentiometric surface on May 25, 1999, shows a high-water table at MW-9, evidently due to rainfall recharging shallow groundwater after washing downhill on the macadam parking lot. Heavy rainfall events occurred on the two days prior to sampling and taking water level measurements on May 25.

The tills were observed to frequently have more than one water bearing zone within the screened interval in the same boring. The saturated zones are predominantly loose sand and gravel. In most borings, the zones of saturation were often separated by till that was dry, damp, or moist in contrast to saturation. These intervening aquitards are generally fine grain and compact silt and clay material. Often the base of the till was observed as a dry compact red silt directly above rock fragments presumably from the Palisades Sill beneath. Correlation of the zones of saturation lead to this hydro stratigraphic interpretation. The two zones of saturation lead to were found to merge and thin down-gradient of the shopping plaza.

The equilibrium water levels are mapped as the potentiometric surface because of the difference in water table and equilibrium elevations. This differential may reflect either confinement of the lower zone of saturation and/or an upward vertical component of groundwater flow, both within the 15 feet of glacial till. At MW-9, groundwater mounding from heavy rainfall suggests that semi-confined or unconfined conditions exist there.

The lack of groundwater in MW-13 indicates that the bedrock ridge presents a barrier to subsurface flow. The base of the screened interval in MW-13 is at a relative elevation of 81.6 feet which is below the projection of the potentiometric surface.

The dominant groundwater flow direction in the overburden fill and natural sediments is controlled by sediment porosity and bedrock surface configuration. In the area of interest behind the shopping plaza, groundwater flow to the northwest is limited by scant recharge. Upgradient areas to the south, southeast, and east are paved providing very little vertical infiltration of precipitation into the subsurface overburden."[2]

3.3 Interim Remedial Measures (IRM)

According to reports from William L. Going & Associates, an IRM was conducted in May 2002 that included the removal and off-site disposal of 18,427 gallons of perched water contained within the former cesspools. This effort was conducted to reduce contaminant concentrations in groundwater at the site. The concentrations of PCE within the perched water of the former cesspools in July 2002 subsequent to the pumping ranged from 1.1 to 470 ppb. These results suggest that residual concentrations of chlorinated solvents were still present with the groundwater beneath the former cesspools at levels warranting further action. The IRM activities are summarized by the *IRM Completion Letter Report* by William L. Going & Associates, Inc., dated August 21, 2002[3], as well as the *Vapor Intrusion Investigation Report*[4] *and Phase II Remedial Investigation Report: 2nd Mobilization*[5] by Impact Environmental Consulting (Impact) respectively dated March 3, 2008, and January 10, 2010.[4]

According to various reports previously referenced from Impact Environmental, In June 2005 and again in 2010, feasibility testing was conducted by Impact to determine the appropriateness and effectiveness of utilizing HRC for accelerated anaerobic natural attention for the site. Testing

[2, 5] Impact Environmental, Phase II Remedial Investigation: 2nd Mobilization, dated January 20, 2010, provided by respondent and NYSDEC.
[3] William L. Going & Associates, Inc., "IRM Completion Letter Report," dated August 21, 2002.
[4] Impact Environmental, Vapor Intrusion Investigation Report, dated March 3, 2008

parameters included current volatile organic contaminant concentrations, nitrate and sulfate concentrations, and iron and manganese concentrations.

According to reports from Impact Environmental, on May 31, 2006, a Hydrogen Release Compound (HRC) injection was completed as an IRM by Impact Environmental. Based on the data generated from previous remedial investigations, a grid pattern of injection points was established to encompass the affected area. The grid injection points (number and spacing of points) and HRC injection volumes was determined based on the extent of groundwater contamination, concentrations of contaminants, calculations accomplished utilizing application software and physical access to the proposed location. Groundwater sampling conducted following the injection activities indicated that after initial decreasing contaminant concentrations, contaminant concentrations rebounded in MW-5, suggesting a source area remained. Therefore, it was determined that additional HRC injections were required. The first round of HRC injection results was summarized in the *Hydrogen Release Compound Injection Work Plan* by Impact Environmental, dated November 12, 2009.[6]

The second HRC injection was completed on the Site by Impact Environmental in July 2010 under the supervision of the NYSDEC. A total of 18,500 pounds of HRC and 630 pounds of accelerant primer were injected throughout the area of the plume at 22 injection points completed in accordance with the NYSDEC approved work plan. The HRC was applied along the entire interface down to and permeating groundwater levels.[6]

On April 25, 2013, ECMS was contracted to continue remedial work and perform a sub-slab vapor investigation, which indicated the need for vapor intrusion mitigation within the onsite building. A mitigation system was installed in the area of the former dry cleaner tenant space on December 16, 2013. Radon Mitigation Corporation of America, Inc. (RMCA) installed a Fantech HP-190 Suction Fan to mitigate sub-slab vapors which exceeded NYS standards. The vapors were vented to discharge above the roof.

Based on the analytical data collected by ECMS in 2014, a concentration of up to 200 µg/m^3 of PCE was detected in the indoor air. This data was reported in an ECMS "Technical Report" provided to the NYSDEC in December 2014.[7] Additional indoor air samples collected on April 21 and September 18, 2015, showed elevated concentrations of PCE. Based on these indoor air sampling results, the mitigation system was upgraded. As a result, two (2) inline Fantech HP-220 Mitigation Fans were installed. Following the fan upgrade, communication testing was performed by an RMCA licensed Radon Mitigator (10G017) on November 11, 2015. Strong communication was observed with readings 30 to 40 feet away from the system. Indoor air sampling conducted following the fan upgrade indicated the upgraded mitigation system was operating appropriately. The sub slab depressurization vapor mitigation system continuously operates and was last checked on August 3, 2022.

4.0 NATURE AND EXTENT OF CONTAMINATION

Previous investigations conducted at the site identified the presence of PCE and breakdown products in groundwater resulting from the historic operation of an onsite dry cleaner. Compounds detected include tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC). PCE is the main source of the compounds of concern from the former dry-cleaning

[6] Impact Environmental, "Hydrogen Release Compound Injection Work Plan", dated November 12, 2009
[7] Environmental Consulting & Management Services, Inc., "Technical Report", Dated December 2014

operations and the additional compounds identified are breakdown products of the de-chlorination process. Based on a review of the historic data collected from groundwater samples secured from onsite, the PCE related groundwater contaminant plume emanating from the area of the former dry cleaner tenant space and or former cesspools migrated in a northwest direction with the flow of groundwater. **Table 1, Historical Analytical Groundwater Results,** contains all available laboratory data. The groundwater sampling was performed to evaluate the extent of the contamination in response to IRM and determine if it exceeds the NYSDEC TOGS 1.1.1 Class GA groundwater standards (TOGS).

In the past, TCE, PCE, DCE, and VC concentrations in groundwater have shown decreasing trends following the Interim Remedial Measures (IRMs) completed at the site (See Section 3.3 for a review of IRMs). During the recent groundwater sampling event conducted on June 13 & June 15, 2022, the groundwater COCs were mostly non detected. However, monitoring wells MW-4A, MW-5A, MW-8A, MW-12A, MW-13A contained PCE, TCE, and DCE in excess of TOGS.

As part of this investigation in March 2022, soil vapor and indoor air sampling events were performed to ascertain if soil vapor is intruding into the building. The results were compared to the NYSDOH Soil Vapor Intrusion Decision Matrices. The soil vapor/indoor air samples were used to assess if the SSDS addresses any potential indoor air concerns. The available soil vapor, indoor air, and outdoor air sampling analytical results are enclosed as part of this report. ECMS enclosed all available air data as **Table 2, Historical Soil Vapor, Indoor Air, and Outdoor Air Results**. The current indoor air and soil vapor results are discussed in the following section.

5.0 SOIL VAPOR AND INDOOR AIR SAMPLING AND RESULTS

ECMS conducted soil vapor/indoor air sampling according to the NYSDEC- and NYSDOH-approved ECMS site investigation work plan because the Departments required a recent assessment to ensure that the SSDS remains effective at mitigating soil vapor intrusion in the entire building space. Of note, ECMS conducted the sampling during the 2021-2022 heating season. The samples were collected concurrently to allow for comparison. The SSDS fan is currently operational and was running while sampling was in progress as per the NYSDEC and NYSDOH's request. A layout of the modified SSDS is enclosed as **Figure 4, SSDS Schematic** including with the Fantech fan specification.

5.1 Soil Vapor Intrusion Sampling Event

On March 30, 2022, ECMS conducted soil vapor and indoor air sampling in the basement spaces of the commercial building onsite. Eight air samples were taken in total: one outdoor air sample, four indoor air samples, one soil gas sample, and two sub-slab samples. The samples were collected within the heating season and ran for approximately eight hours to simulate an 8-hour workday. The sampling locations are illustrated in **Figure 3, Soil Vapor & Indoor Air Results Map**. The sampling locations correspond to the proposed sampling locations. Historical permanent sub-slab vapor points were not found during this investigation. As such, temporary sub-slab and soil gas samples were installed as per Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

The soil vapor, indoor air, and outdoor air samples were collected on the site using evacuated 6-liter stainless steel canisters (otherwise known as a "Summa" canisters) fitted with laboratory-calibrated flow regulators. Immediately after opening the summa canister, the initial vacuum (inches of mercury) was noted. After 8 hours, the summa canister was closed, and the final vacuum noted (the flow rate during sampling did not exceed 0.2 liters/minute). Air samples were delivered to Phoenix Environmental Laboratories (Phoenix) of Manchester, Connecticut for analysis. Phoenix is a NYSDOH ELAP-accredited laboratory certification number 11301.

This sampling event also evaluated potential pathways of vapor intrusion into the buildings (i.e., sumps, cracks in foundations, floor drains, etc.) and identify conditions that may affect or interfere with the vapor intrusion investigation.

On March 30, 2022, the onsite building was inspected by ECMS to identify any exposure pathways that may contribute to vapor intrusion and determine the appropriate placement of sub-slab soil gas and indoor air sample locations. The inspection included identification of possible interior air flow patterns influenced by vents, heating and air conditioning units, windows, fans and identify building features that may function as pathways (i.e., sumps, cracks in foundations, floor drains, etc.). The inspections also included a preliminary screening using a photoionization detector (PID) to measure any indoor air vapor concentrations. No discernible VOCs or odors were present. Generally, the spaces were vacant. Chemicals were not stored in the basement spaces that would affect indoor air quality or concentrations. The NYSDOH Indoor Air Quality Questionnaire and Building Inventory form for the site was completed by ECMS and is enclosed as **Appendix A, Indoor Air Quality Questionnaire and Building Inventory.**

The following provides a summary of the observations identified at each sampling location:

5.11 Basement of the Former Dry Cleaner
The inspection of the basement of the former Dry Cleaner was performed on March 30, 2022. The basement was used for storage and utility space. No holes were noted in the wall to the exterior. No PID readings were detected in the basement above background. No chemical storage was observed. No other significant air patterns were observed.

5.12 Basement of Bombay Grill
The inspection of the basement of Bombay Grill was performed on March 30, 2022. The basement is used for food preparation, storage, and office. No PID readings were detected above background. No drains were observed on the concrete floor. An additional product inventory was conducted in this space due to the methylene chloride resampling. It is enclosed at the end of **Appendix A**.

5.13 Former Spa
The inspection of the Former Spa was performed on March 30, 2022. The Spa was being renovated as water damage from leaky pipes above the space occurred recently. No PID readings were detected above background. No ventilation was observed in the space. However, drains were present in the southeast corner of the space in the showers.

5.2 Soil Vapor Sampling Procedures

Three sub-slab samples (SG-1, SG-2, and SG-3) were installed by ECMS according to the Final Guidance for Evaluating Soil Vapor Intrusion in the NYSDOH, Center for Environmental Health (CEH), and Bureau of Environmental Exposure Investigation (BEEI). One soil gas point w installed outdoors, SG-3, and two of the points, SG-1, and SG-2, were installed indoors in the basement spaces. The indoor points were advanced 2-3 inches beneath the concrete foundation slab and the outdoor point was advanced twenty-four inches below the competent asphalt pavement. The points were installed using inert tubing and the tips were covered with porous inert backfill material, and the implants were sealed to the surface with a bentonite grout.

One to three volumes of the sample point and tube were purged at a rate not exceeding 0.2 liters per minute prior to collection of the two sub-slab samples. Helium tracer gas was used as a quality

assurance/quality control measure to verify that no outside air had diluted the soil vapor samples. The three sub-slab soil vapor samples were analyzed for VOCs via US EPA method TO-15 plus Helium. This method is a comprehensive method for detecting volatile organic compounds.

5.3 Indoor and Outdoor Air Sampling Procedures

Four indoor ambient air samples (IA-1, IA-2, IA-3, and IA-4) were collected in the basement spaces. The air sampling locations were 3-5 feet above the ground within the "breathing zone" during sample collection. ECMS utilized summa canisters under negative pressure fitted with eight-hour regulators. The air sample collection time spanned approximately 8 hours. The samples were analyzed for VOCs via US EPA method TO-15.

An outdoor ambient air sample (OA-1) was collected in the front of the building. The air sample was collected 3-5 feet above the ground within the "breathing zone" during sampling collection. This sample serves as a background sample for comparison and was analyzed for VOCs via US EPA method TO-15.

5.4 Soil Vapor Intrusion Sampling Event Results

The soil vapor, and indoor and outdoor air samples were analyzed for VOCs via EPA Method TO-15 plus helium. The current soil vapor and indoor air results were compared to the applicable NYSDOH Soil Vapor Intrusion Decision Matrices. Where applicable, indoor air compounds were compared to NYSDOH Indoor Air Guideline Values for PCE, TCE, and methylene chloride. The NYSDOH Matrices and Indoor Air Guidance Values indicated no further action or did not exceed the guidance values. The soil vapor, indoor air, and outdoor air results from the samples collected during this reporting period are summarized in **Table 3, Soil Vapor, Indoor Air, & Outdoor Air Analytical Results.** The laboratory analytical report for this air sampling event is enclosed as **Appendix D, Phoenix Environmental Laboratory Analytical Reports.** The comparison of soil vapor and indoor air matrices are summarized in the following table based on the current air sampling data:

Sample ID	Sample Date	Matrix A				Matrix B			Matrix C
		1,1-DCA	Carbon tetrachloride	cis-1,2-DCE	TCE	1,1,1-TCA	Methylene chloride	PCE	Vinyl chloride
IA-1/ SG-2	3/20/22	A1	A2	A1	A1	B1	B1	B1	C1
IA-2/ SG-1		A1	A2	A1	A1	B1	B1	B1	C1
IA-3/ SG-1		A1	A2	A1	A1	B1	B1	B1	C1
IA-4/ SG-1		A1	A2	A1	A1	B1	B3	B1	C1
IA-1	2/21/23	NS	NS	NS	NS	NS	B1	NS	NS

A1, A2 – NYSDOH Soil Vapor Intrusion Matrix A Decision: No Further Action
B1, B2 – NYSDOH Soil Vapor Intrusion Matrix B Decision: No Further Action
B3 – NYSDOH Soil Vapor Intrusion Matrix B Decision: Identify sources and resample and/or mitigate
C1 – NYSDOH Soil Vapor Intrusion Matrix C Decision: No Further Action
Sample ID colors correspond to colors in Figure 3 and Table 3.
NS – Compounds were not tested.

On February 21, 2023, ECMS returned to establish an inventory as well as collect indoor and outdoor air samples – IA-1- and OA-1- – for the Bombay Grill location to evaluate potential indoor air sources for methylene chloride. Based on ECMS' inventory, it was found that the previous indoor

air sample at this location, IA-4, was collected immediately adjacent to the storage area for stainless steel cleaning spray, which the spray contains compounds associated with methylene chloride. The new indoor air sample, IA-1-, was collected away from any stored chemicals in the space. In the February 21, 2023, re-sampling methylene chloride was not detected in the indoor air or outdoor air either sample. The new air sampling results are included as **Table 6, Indoor Air & Outdoor Air Analytical Results – Bombay Grill**.

5.5 Soil Vapor Intrusion Findings Summary

The purpose of this air quality investigation was to determine if the soil vapor below the slab is affecting the indoor air quality in comparison to the NYS Department of Health Soil Vapor Intrusion Decision Matrices and to determine if there is a public health exposure to PCE and its breakdown products.

Based on the soil vapor and indoor air analytical results and comparisons to the NYSDOH Soil Vapor Intrusion Decision Matrices, no further action is needed for all but one sample, IA-4. As such ECMS collected a follow up sample to determine if a concentration of methylene chloride (dichloromethane) of 11.8 µg/m^3 from IA-4 indicates sources and resample. Based on the resampling on February 21, 2023, methylene chloride is not still a concern. The concentration of methylene chloride was <3.0 µg/m^3 from IA-4 from the resent resampling.

For reference, when the sample was collected, ECMS had limited access to the tenant space. In addition, employees from Bombay Grill regularly entered and exited the space through the back door while the space was being sampled. It is relevant to note that the space was fully occupied, and many boxes of stored materials were present in the space. The stored materials all were cooking, and restaurant related. No chemicals were stored based on ECMS' evaluation/inspection of the space.

Of note, the indoor air sample IA-4 is compared to soil vapor sample SG-1 due to their proximity (the closest soil vapor point). These concentrations of methylene chloride (dichloromethane) and the other PCE breakdown chemical concentrations do not show evidence of soil vapor intrusion in the building. No vapor intrusion pathway has been identified. Methylene chloride is not a compound of concern related to the former PCE spill. It is not a breakdown product of PCE. ECMS does not additional evaluations because indoor air concentrations are significantly below the NYSDOH Guidance value of 60 µg/m^3 and with a concentration of <3.0 µg/m^3 .

6.0 GROUNDWATER SAMPLING AND RESULTS

On June 10, 2022, ECMS oversaw the installation of nine temporary 1-inch monitoring wells across the site. The temporary wells were installed and named to correspond to former monitoring wells so historical data could be compared to present concentrations. The temporary wells included an "A" in the sample id, except MW-UG. The MW-UG "A" temporary well nomenclature was overlooked by field personnel. On June 15, 2022, ECMS oversaw the top of casing professional survey of the wells to establish the groundwater flow direction across the site. Due to poor groundwater recharge on the June 10, 2022, ECMS collected groundwater samples on June 13 (MW-UG, MW-4A, MW-8A) and collected the remaining groundwater samples on June 15 (MW-2A, MW-5A, MW-6A, MW-7A, MW-12A, MW-8A). The NYSDEC required ECMS to collect recent groundwater samples to evaluate if historical contamination remains.

6.1 Temporary Monitoring Well Installation and Survey

On June 10, 2022, ECMS oversaw the installation of nine 1-inch temporary monitoring wells across the site by Clean Globe Environmental using a Geoprobe® 6610DT. The monitoring wells were set

to 10-15 ft below ground via direct push and constructed of 1-inch diameter, flush-thread, schedule 40 PVC consisting of 5-10 feet of 0.020-slot well screen and 5-10 feet of riser casing. The temporary monitoring well locations are displayed in **Figure 4, Groundwater Elevation/ Groundwater Results Map** and well log details are enclosed in **Appendix B, Temporary Well Logs.** The NYSDEC and NYSDOH were onsite during well installation activities.

After well installation, each monitoring well was developed to assure proper hydraulic connection between the well and the surrounding formation using dedicated, disposable polyethylene tubing and a peristaltic pump. Well development was accomplished by purging the wells until clear, sediment-free formation water was produced. The monitoring wells were sealed with a J-plug cap. Once the groundwater within each monitoring well recharged to at least 90 percent of its static water level, groundwater samples were collected. Due to the tight lithology at the site most of the wells showed poor groundwater recharge. Of the nine wells only three recharged to 90% of their static water level after well installation.

On June 15, 2022, ECMS oversaw the survey of the top of well casing (TOC) elevations in the nine monitoring wells by Anthony R. Celentano, PLS (Professional Surveyor License Number 50633). The TOC elevations were surveyed to determine accurate groundwater elevations and groundwater flow directions. Due to the slow recharge rate of the soil formation, the most recent groundwater gauging event is likely to be the most accurate. The groundwater elevation measurements from June 15, 2022, were used in the calculations for groundwater contours. June 15, 2022, groundwater elevation values for each well and groundwater flow direction are displayed on **Figure 4**.

During the temporary well installation, as per the NYSDEC and NYSDOH's request, two community air monitoring program (CAMP) stations were placed across the site to monitor dust and VOC production during soil-disturbing activities. The maximum dust reading was 19.5 $\mu g/m^3$ and the maximum VOC reading was 0.8 ppm. ECMS has enclosed the summarized CAMP station data as **Appendix E, CAMP Monitoring Data and Graphs**.

6.2 Well Decommissioning

On June 10, 2015, ECMS located and inspected four permanent wells, MW-4, MW-5, MW-7, and MW-8, which were installed for prior investigations. Based on the current well integrity, they were not suitable to be used as part of the investigation. Considering those findings and as per ECMS' request, the NYSDEC/NYSDOH personnel onsite gave ECMS authorization to abandon the permanent wells. During temporary well installation activities, the remaining permanent wells were decommissioned. The four permanent monitoring wells were removed according to the NYSDEC Commissioner's Policy CP-43: Groundwater Monitoring Well Decommissioning Policy. Monitoring wells MW-4 and MW-5 were over-drilled down to five feet, the risers were perforated, and the top 5 ft of well casing were removed. The complete well screen and well casings for MW-7 and MW-8 were pulled. All four permanent well holes were filled with virgin filter sand and the top foot, or more, was grouted with cement in place.

On August 3, 2022, as per the RIWP, the temporary wells were also removed. All wells except MW-8A were able to be completely removed; for MW-8A, the top 5 ft of the well casing was removed. These well locations were filled with virgin filter sand and grouted in place as well. The descriptions of each decommissioned well are illustrated in **Appendix C, Well Decommissioning Logs**.

6.3 Groundwater Monitoring Event

On June 13 and 15, 2022, the nine temporary monitoring wells were sampled for groundwater to be analyzed for USEPA Method 8260 Full List compounds. Dissolved volatile organic compounds (VOCs) were detected at concentrations exceeding TOGS in monitoring wells MW-UG, MW-4A, MW-5A, MW-8A, MW-12A, and MW-13A. Of note, the upgradient well, MW-UG, had a detection of benzene in exceedance of TOGS. Based on the inferred groundwater flow direction ECMS expects MW-UG was influenced by the closed gas station spills at 279 South Little Tor Road, New City. Currently, there are no active spill numbers. The well was installed approximately 325 feet downgradient of the station gas pumps.

The following table shows all previous closed gas station spills near the site:

Spill Number	Program Facility Name	Street 1	Locality	Spill Date	Received Date	Contributing Factor	Close Date	Material Name	Material Family	Quantity	Units	Recovered
9508378	279 SOUTH LITTLE TOR RD	279 SOUTH LITTLE TOR RD	NEW CITY	10/8/1995	10/9/1995	Equipment Failure	10/29/2002	gasoline	Petroleum	1	Gallons	0
1204655	CUMBERLAND FARM 70285	279 LITTLE TOR RD S AND NEW VALLEY	NEW CITY	8/9/2012	8/9/2012	Housekeeping	8/9/2012	other - liquid in fill	Other	0		0
0812430	CUMBERLAND FARMS 70285	279 LITTLE TOR ROAD	NEW CITY	2/13/2009	2/13/2009	Housekeeping	4/28/2009	wastewater	Other	0		0
0907328	CUMBERLAND FARMS CS70285	279 LITTLE TOR RD	NEW CITY	9/29/2009	9/29/2009	Equipment Failure	9/29/2009	gasoline	Petroleum	0.2	Gallons	0
9907138	EXXON	279 SOUTH LITTLE TOR RD	NEW CITY	9/15/1999	9/15/1999	Unknown	6/25/2001	gasoline	Petroleum	0	Gallons	0
0206976	EXXON GAS STATION	279 SOUTH LITTLE TOR RD	NEW CITY	10/5/2002	10/5/2002	Tank Test Failure	3/19/2005	gasoline	Petroleum	0	Gallons	0
0108598	EXXON SERVICE STATION	279 SOUTH LITTLE TOR RD	NEW CITY	11/26/2001	11/27/2001	Traffic Accident	11/27/2001	gasoline	Petroleum	10	Gallons	0
0310762	EXXON SERVICE STATION #70285	279 SOUTH LITTLE TOR RD	NEW CITY	12/18/2003	12/18/2003	Tank Test Failure	3/19/2005	gasoline	Petroleum	0	Pounds	0
9516472	EXXON SERVICE STATION	279 SOUTH LITTLE TOR RD	NEW CITY	3/22/1996	3/22/1996	Human Error	5/13/2020	gasoline	Petroleum	15	Gallons	0
8900340	LITTLE TOR EXXON S/S	279 SOUTH LITTLE TOR RD	NEW CITY	4/11/1989	4/12/1989	Deliberate	5/22/1989	unknown petroleum	Petroleum	0	Gallons	0

6.4 Groundwater Gauging and Sampling

During the groundwater monitoring event, the monitoring wells were gauged for depth to groundwater. The depth to groundwater was gauged using an oil/water interface probe capable of measuring to the nearest 0.01 foot. The groundwater depth measurements were converted to groundwater elevations using the new TOC elevations. The TOC elevations were referenced to the current vertical datum, NAVD 1988.

Prior to collecting groundwater samples, the volume of water contained within each monitoring well was calculated using the well diameter and water column height. Whenever possible, a volume of groundwater equivalent to at least three well volumes are purged from each monitoring well using a dedicated disposable polyethylene bailer and/or a mechanical pump with dedicated polyethylene tubing. The new monitoring wells were developed prior to the sampling event on June 13, 2022, by purging of at least five well volumes or until clear sediment free groundwater was produced. They were developed to assure proper hydraulic connection between the well and the surrounding formation.

The wells were purged on June 13, 2022, but only three wells were sufficiently recharged for sample collection – MW-UG, MW-4A, and MW-8A. The remainder of the wells did not recharge in a timely manner due to the tight nature of the native soils. By the top of casing survey event on June 15, 2022, the wells had recharged with groundwater and the remaining six samples were collected. At the time of sampling, the groundwater was poured from bailers and/or tubing directly into laboratory-supplied glassware. The glassware was placed into a cooler and maintained at a temperature of less than 4°C during transport to Phoenix for analysis.

6.5 Groundwater Monitoring Summary

Date Wells Gauged:	June 10, June 13, & June 15, 2022
Number of Wells Gauged:	Nine (9)
Gauged Well Identifications:	MW-UG, MW-2A, MW-4A, MW-5A, MW-6A, MW-7A, MW-8A, MW-12A, MW-13A
Wells Not Gauged and Reason:	None
Date Wells Sampled:	June 13 & 15, 2022 and March 6, 2023
Number of Wells Sampled:	June 13 & 15, 2022 - Nine (9) March 6, 2023 – One (1)

Sampled Well Identifications:	June 13, 2022: MW-UG, MW-4A, MW-8A June 15, 2022: MW 2A, MW-5A, MW-6A, MW-7A, MW-12A, MW-13A March 6, 2023: Resample MW-5A (just PCE)
Well Not Sampled and Reason:	None
Groundwater Elevation Range:	June 15, 2022: 272.51 – 281.25 ft
Total Detected VOC Range:	Non-Detect (ND) – MW-2A, MW-6A, & MW-7A to maximum 550 micrograms per liter PCE (µg/L) – MW-5A March 6, 2023: Resample MW-5A Result was <5.0 µg/L
Groundwater Flow Direction:	June 15, 2022: Northwest
Wells Not Used in Contouring and Reason:	None; groundwater contours were generated with June 15, 2022, groundwater elevation data.
Laboratory Analytical Parameters and Analytical Method:	June 2022 - MW-UG, MW-2A, MW-4A, MW-5A, MW-6A, MW-7A, MW-8A, MW-12A, and MW-13A analyzed for NYSDEC's VOC Full List via USEPA Method 8260. March 6, 2023, MW-5A Resample PCE via USEPA Method 8260.
New York-Certified Laboratory:	Phoenix Environmental Laboratories, Manchester, Connecticut; NYSDOH ELAP certification number 11301

6.6 Groundwater Sampling Results

The following table lists the monitoring well designation and the reported VOC concentrations compared to the NYSDEC TOGS:

Well ID	Sampling Date	Benzene (µg/L)	DCE (µg/L)	Ethyl benzene (µg/L)	PCE (µg/L)	TCE (µg/L)
MW-UG	6/13/22	**2.4**	< 1.0	< 1.0	< 1.0	< 1.0
MW-4A		< 0.70	**23**	< 1.0	**110**	**8.6**
MW-8A		< 0.70	**21**	< 1.0	4.5	3.3
MW-2A	6/15/22	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
MW-5A		< 0.70	< 1.0	< 1.0	**550**	1.3
MW-6A		< 0.70	< 1.0	< 1.0	< 1.0	< 1.0
MW-7A		< 0.70	< 1.0	2.0	3.5	< 1.0
MW-12A		< 0.70	**5.3**	< 1.0	3.3	< 1.0
MW-13A		< 0.70	**45**	< 1.0	**39**	**12**
MW-5A	3/6/23	NS	NS	NS	<5.0	NS
NYSDEC Groundwater Standards		1	*5*	*5*	*5*	*5*

<{value} – Parameter Below Laboratory Method Detection Limit
{Bold Value} – Concentration exceeds NYSDEC groundwater standards
NS – Not sampled

The groundwater analytical results from the samples collected during this reporting period are illustrated in **Table 4, Groundwater Analytical Results**. Data collected during well gauging activities is summarized in **Table 5, Groundwater Elevation Gauging Data**. The groundwater analytical results and elevation contours are summarized on **Figure 4, Groundwater Elevation/Groundwater Results Map**. The laboratory analytical report for the recent groundwater sampling event is attached in **Appendix D, Phoenix Environmental Laboratory Analytical Reports**. The concentrations over time of TCE, PCE, and DCE are summarized in **Graph 1**, **Graph 2**, and **Graph 3**, respectively. The Mann-Kendall Statistical Trend Analyses of PCE, TCE, and cis-1,2-DCE these chemicals over time are illustrated in **Graph 4**, **Graph 5**, and **Graph 6**, respectively.

On February 21, 2023, ECMS re-installed the well at MW-5A to 6 ft to re-evaluate the PCE concentrations at that location. The measured depth to bottom was 6'1, and a proper depth to water measurement could not be obtained due to the slow recharge rate of the well.

On March 6, 2023, ECMS returned to collect a sample from MW-5A. By this date, enough water had recharged such that a sample could be collected, and a depth to water measurement of 3.52 ft could be recorded. No PCE was detected in the most recent sample. The analytical results for this sample are illustrated in **Table 6, Groundwater Analytical Results – MW-5A**.

6.7 Groundwater Findings Summary

The purpose of this groundwater quality assessment was to determine if the concentrations of PCE and its breakdown products are in exceedance of the NYSDEC TOGS 1.1.1 Class GA groundwater standards. ECMS used the data to additionally assess if the COCs are present across the site. The site remediation boundaries are displayed in **Figure 2**. The formerly sampled monitoring wells MW-14 and the Cropsey Well were not sampled as part of this investigation. The monitoring well MW-14 could not be found onsite; it was destroyed or removed previously. The Cropsey well location was not identified in any former reports. ECMS conducted a brief search of the NYSDEC Water Well Database. In that search, ECMS was able to obtain a location of NYSDEC Well ID RO1172. ECMS presumes the "Cropsey Well" is located at Latitude 41°07'57.4"N by Longitude 74°00'02.2"W based on the NYSDEC Water well database. ECMS cannot confirm that is the location of the well that was identified as "Cropsey Well."

The groundwater analytical results from the June 2022 sampling event identified limited groundwater VOC impacts exceeding TOGS. The monitoring wells MW-2A, MW-6A, and MW-7A had no exceedances of any COCs.

The following temporary wells exceeded TOGS groundwater standards for PCE: MW-4A, MW-5A, and MW-13A. Monitoring wells MW-4A and MW-13A contained exceedances of TCE and wells MW-4A, MW-8A, MW-12A, and MW-13A contained exceedances of DCE. Based upon the recent groundwater analytical data, the VOC impacts were in monitoring wells MW-4A, MW-5A, and MW-13A. The historical groundwater data shows that MW-4 and MW-5 had the greatest exceedances. In the recent investigation, the compound in greatest exceedance was PCE at 550 µg/L in MW-5A, at 110 µg/L in MW-4A, and 39 µg/L in MW-13A. Because PCE in MW-5A was even higher than concentrations from before the 2009 injection event the NYSDEC asked that ECMS resample to confirm if it is a statistical outlier. Many things can affect the concentrations of groundwater. Temporary wells are especially susceptible to high turbidity. As such ECMS reinstalled a temporary well at location MW-5A. After adequately purging the well it was resampled just for PCE. The resampling revealed that it had a concentration of <5.0 µg/L. As such, the previous concentrations were likely due to another factor other than the dissolved groundwater

concentrations. Based on Comments from the NYSDEC ECMS will provide a plan to install permanent wells near former temporary wells MW4A, MW-5A and MW-13A. Of note, and not related to the former PCE spill at the site, benzene was found exceeding the TOGS in one well, MW-UG, but this is due to it being hydraulically closest well to the gas station at 279 S. Little Tor Road across New Valley Road, which has a history of spills since 1989.

Based on the groundwater flow direction calculated from June 15, 2022, gauging event, groundwater flows to the northwest. Since the groundwater table is shallow and the wells did not adequately recharge during well development, the groundwater contamination is trapped in tight soils onsite. The TCE concentrations detected in MW-13A are in exceedance of TOGS, and due to the tight soils, it likely took many years to move to the northwest.

If site conditions remain the same (i.e., tight soils and shallow groundwater), the contaminants will stay onsite and continue to degrade naturally. Based on ECMS' Mann-Kendall statistical trend analysis all contaminants of concern (COC) have been consistently decreasing. ECMS believes that even though the groundwater concentrations are in excess of TOGS at this time, the concentrations will continue to decrease with time and continue to degrade naturally as no remedial measures have been performed since 2010. It has been more than a decade.

7.0 CONCLUSIONS

On March 30, 2022, eight total soil vapor, indoor air, and outdoor air samples were taken to determine if vapors are infiltrating the slab into the basement spaces of the commercial building based on the NYSDOH Soil Vapor Intrusion Decision Matrices. None of the contaminants of concern required further action. Of note, methylene chloride was detected in the indoor air of the Bombay Grill basement. THE NYSDEC requested ECMS resample to confirm a source. Methylene chloride was resampled to determine if a source existed in the space. Based on the resampling it was not detected. And because it is not a compound of concern related to the former dry cleaner operations for this site, and that a potential vapor intrusion pathway was not identified during the event related to the COCs it is ECMS' opinion that the SSDS is working as designed and is preventing soil vapor intrusion. In any event, the initial indoor air methylene chloride concentration is low (11.8 µg/m^3) and is likely from indoor aerosol use for stainless steel cleaning and polishing. At the detected concentration it is less than 1/5th the NYSDOH indoor Air Guidance Concentration (60 µg/m^3).

On June 10, 2022, nine temporary monitoring wells were installed across the site to evaluate the current groundwater conditions across the site. ECMS decommissioned the four remaining permanent wells with the Department's verbal approval. The temporary wells were sampled for NYSDEC Full List VOCs via USEPA Method 8260 to assess if there are exceedances of PCE and its breakdown products. The analytical results show that there are concentrations above TOGS left in the areas of MW-4A (PCE 110 µg/L), MW-5A (PCE 550 µg/L), and MW-13A (PCE 39 µg/L). The NYSDEC requested that ECMS resample MW-5A to confirm if the detected PCE result was an anomaly. The resampling on March 6, 2023, confirmed that dissolved concentrations were <5.0 µg/L.

Based on ECMS' Mann-Kendall Concentration trend analyses, the COC concentrations continue to trend downward. Since 2008, the MW-5A concentrations have decreased significantly. On June 15, 2022, the temporary monitoring wells were surveyed by a professional surveyor for top of casing elevations to accurately determine the groundwater flow direction. With the survey elevations ECMS confirmed the groundwater flows toward the Northwest. Based on a review of the groundwater data it is evident that the tight soil formation restricts groundwater flow and has prevented impacts from migrating, thus essentially trapping the groundwater contaminants onsite.

8.0 RECOMMENDATIONS

Soil Vapor Recommendations

The 2022 soil vapor and indoor air analytical results indicate that supplemental mitigation for soil vapor intrusion is not needed for the contaminants of concern. The vapors are in an approximate 2-foot vadose zone between the water table and the bottom of the building basement slab. Due to the groundwater conditions and current vapors and current building conditions there is no effective way to remediate the source of vapors onsite. It is important to note that the source of sub-slab vapors is related to the shallow groundwater table and vadose zone soils under and around the northwest corner of the commercial building.

Methylene chloride was initially detected in the indoor air of the Bombay Grill. However, it was not detected in the resampling event. Based on the product inventory it could be related to propellant in the oil based stainless steel cleaner/polisher. The vapors are likely caused by indoor air sources rather than being sub-slab vapors.

Vapor mitigation with the current SSDS should continue, ECMS recommends developing a Site Management Plan (SMP) to manage the institutional/engineering controls (IC/EC) and manage the on-going operation of the SSDS to mitigate vapors. As part of the SMP ECMS will check if adequate depressurization is occurring a during groundwater sampling event during the IC/EC inspections. At this time, the current SSDS is functioning as needed; thus, ECMS is not recommending any additional indoor air or soil vapor testing unless deficiencies in the SSDS arise in the future. The SSDS is currently protective of human health for the building occupants. As part of the SMP, a SSDS air sampling deficiency plan will be established. The deficiency plan will outline when/if air samples should be collected if the SSDS is inadvertently shut down or remains out of service due to future unforeseen issues.

Groundwater Recommendations

Based on the recent groundwater analytical results, the contaminants of concern concentrations exceed NYSDEC TOGS. The findings in this report also establish that groundwater currently flows to the northwest. The groundwater impacts do not pose a risk to sensitive receptors, as the contaminants of concern are trapped in soils due to the soil conditions beneath the site. Water is municipally supplied by Suez and there are no drinking water wells at the site. The groundwater contaminants of concern are trapped in the tight soil formation and do not pose a risk to building/ site occupants. Based on the established trends, the concentrations will continue to naturally decrease over time.

Since the inception of groundwater sampling, groundwater concentrations have decreased with time. This most recent confirmation groundwater sampling established an intermittent source of PCE around MW-5A. ECMS believes a source of soil and groundwater contamination exists onsite and is trapped in the tight soil formation near to and under the northwest corner of the building. The high concentration of PCE from June was directly related to increased turbidity due to the tight soil formation. Due to the current site use and layout and the shallow groundwater, an active remediation strategy (e.g., SVE/pump and treat/excavations/injections) will not be effective at reducing the source of contamination at the site. ECMS recommends that three permanent wells be installed by MW-4/MW4A, MW-5/MW-5A and MW13/ MW13A) and sampling and monitoring them annually to monitor a trends. ECMS and the NYSDEC recommend collecting a groundwater sample every year for the first three years or at another agreeable frequency based on the results to ensure the concentrations continue to decrease over time. Those results will be used to evaluate if

other remedial measures should be required. ECMS recommends monitoring the natural attenuation (MNA) of groundwater contaminants.

Proposed Next Actions

If the Department approves of ECMS' conclusions and recommendations, ECMS recommends the drafting of a Site Management Plan (for applicable IC/EC) for NYSDEC approval. The SMP will ensure the SSDS and site groundwater, soil, site conditions, site building and site cover remain protective of human health. If deficiencies arise, or site changes are planned, the environmental easement will ensure the IC/EC are maintained until the source of impacts has decreased below applicable standards. As part of the IC/EC inspections ECMS will monitor the sub-slab depressurization from the SSDS annually. As part of next actions, ECMS recommends the respondent attempt to obtain an environmental easement with the current property owners. ECMS recommends the IC/EC be certified/sampled on an annual basis for the first three years before reducing the frequency based on an established baseline or on extended agreeable terms with the Department to ensure site conditions remain protective of occupants. After an SMP is approved, ECMS recommends installing three permanent monitoring wells nearest the affected wells on the site (MW-4/MW4A, MW-5/MW-5A and MW13/ MW13A) and sampling and monitoring them annually. If the groundwater concentrations deviate from the trend, at that time, interim remedial actions will be reviewed and considered in consultation with the NYSDEC and NYSDOH. Work plans will be drafted under a separate cover.

Upon receipt of a Site Characterization and Remedial Investigation Report approval/ comment letter from the NYSDEC, ECMS will draft the Site Management Plan. Based on the Order of Consent if the department agrees with the conclusions in this report a "Satisfactory Completion Letter/No Further Action Letter" as described in the Consent Order should be issued at your earliest convenience by the NYSDEC.

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

Harry Sudwischer
Director of Remediation and Spills

9.0 LIMITATIONS

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

10.0 REFERENCES

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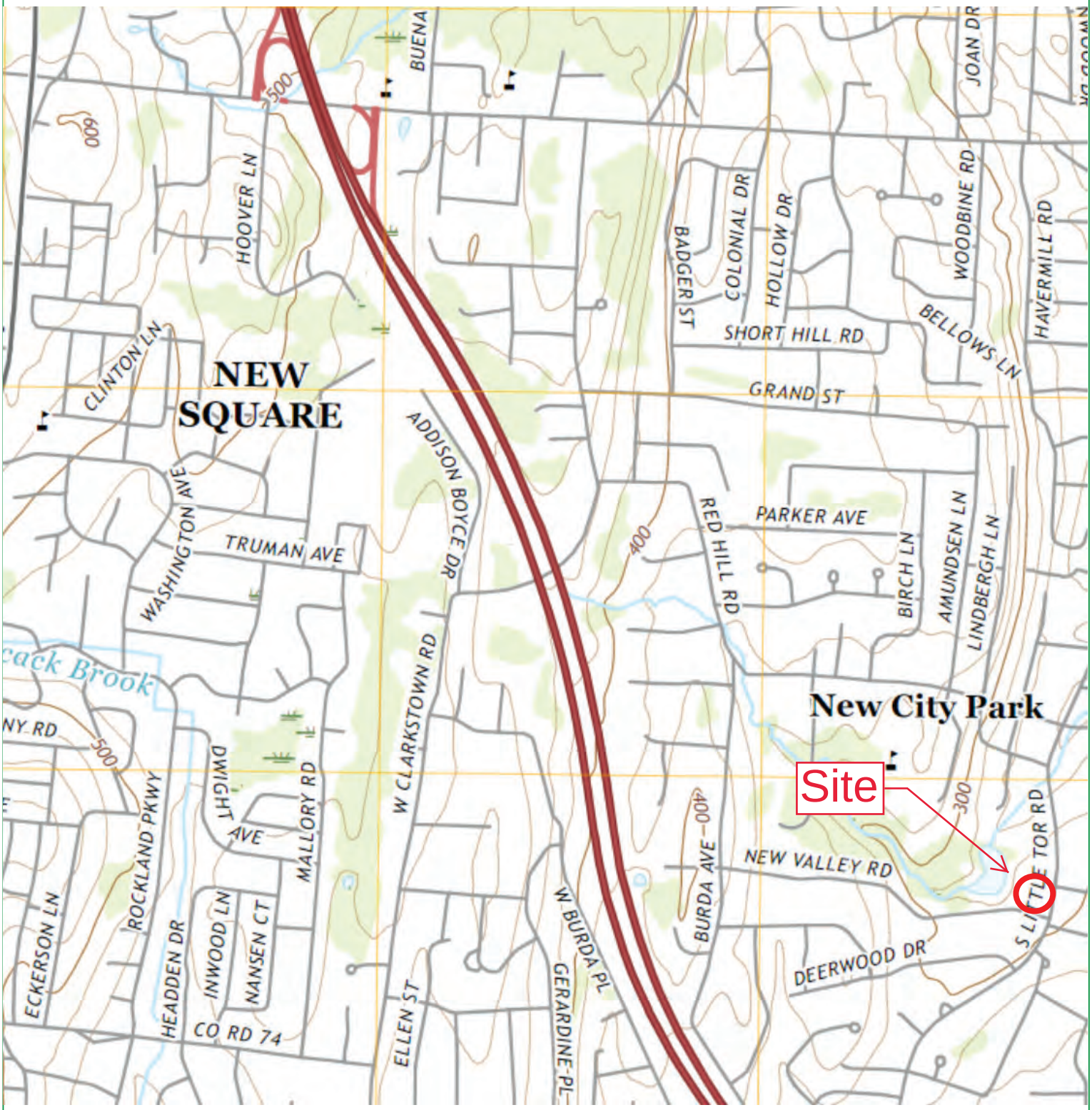
ATTACHMENTS

FIGURES



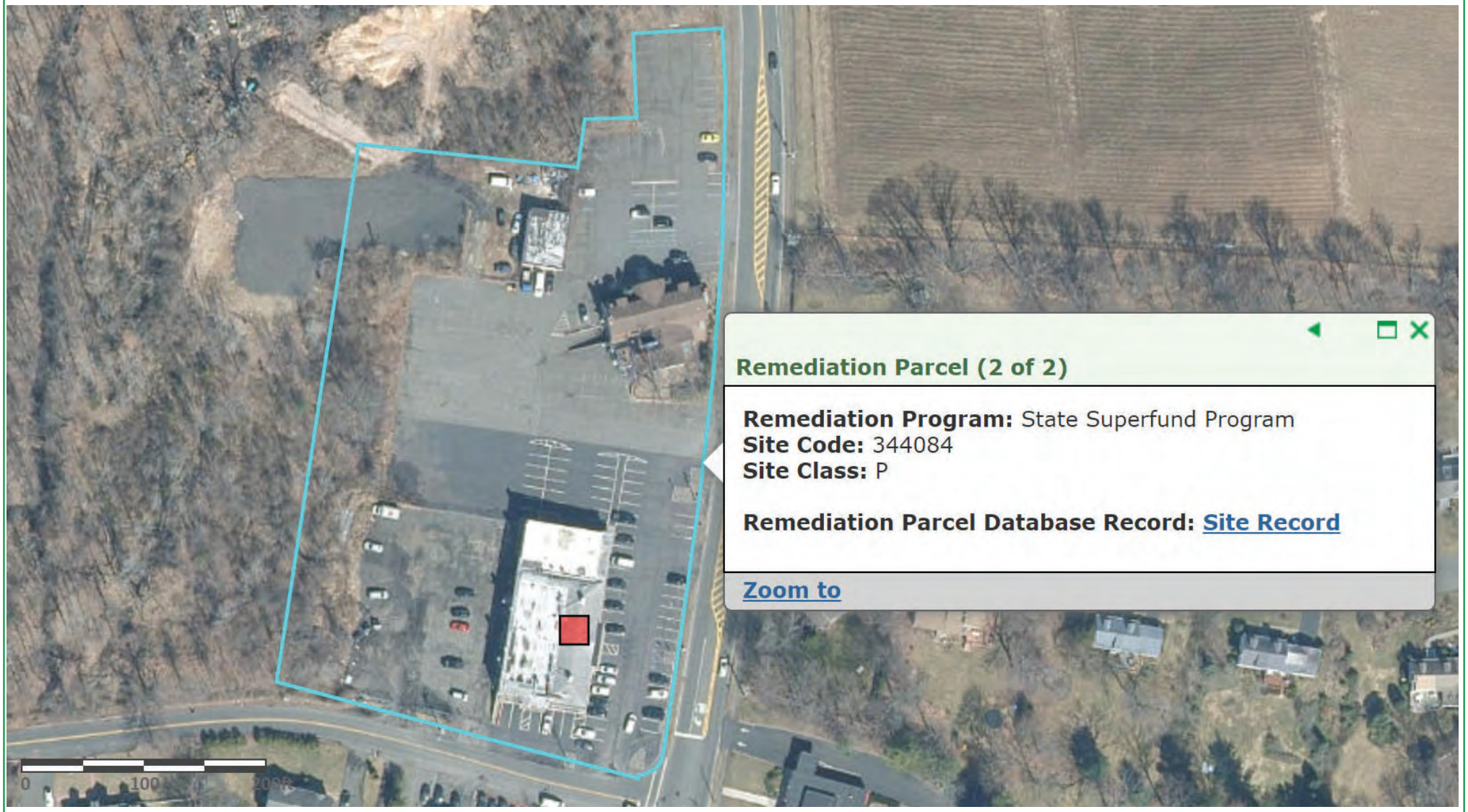
THEILLS QUADRANGLE
NEW YORK
7.5 MINUTE SERIS (TOPOGRAPHIC) 2019

Environmental Consulting and Management Services, Inc.

TITLE

Site Location Map

SITE: 265 S Little Tor Road		SCALE
LOCATION: 265 S Little Tor Rd New City, NY 10956		PLATE
CLIENT: Scott Milich		FIGURE 1
DRW BY: HLS	Date: 07/27/2022	



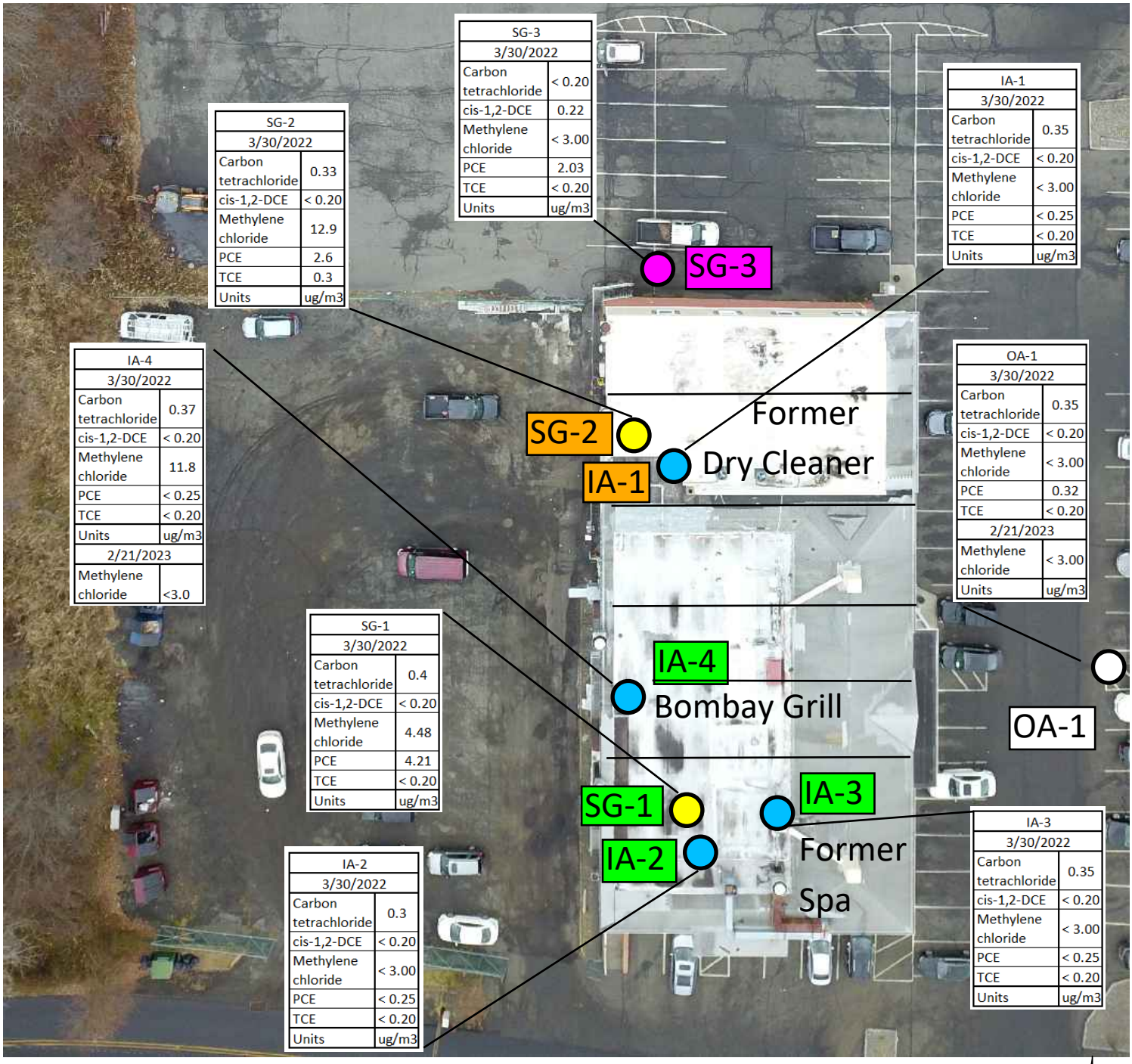
Remedial Boundary

North

Environmental Consulting and Management Services, Inc.

TITLE: P-Site 344084 Remedial Boundary

ECMS	SITE: 265 S Little Tor Rd	SCALE	DTS
	LOCATION: 265 S Little Tor Road		
	New City, NY 10956	PLATE	
	CLIENT: Tor Valley, Inc.		FIGURE 2
	DRW BY: SAS	Date: 07/25/2022	



SG-3	
3/30/2022	
Carbon tetrachloride	< 0.20
cis-1,2-DCE	0.22
Methylene chloride	< 3.00
PCE	2.03
TCE	< 0.20
Units	ug/m3

SG-2	
3/30/2022	
Carbon tetrachloride	0.33
cis-1,2-DCE	< 0.20
Methylene chloride	12.9
PCE	2.6
TCE	0.3
Units	ug/m3

IA-1	
3/30/2022	
Carbon tetrachloride	0.35
cis-1,2-DCE	< 0.20
Methylene chloride	< 3.00
PCE	< 0.25
TCE	< 0.20
Units	ug/m3

IA-4	
3/30/2022	
Carbon tetrachloride	0.37
cis-1,2-DCE	< 0.20
Methylene chloride	11.8
PCE	< 0.25
TCE	< 0.20
Units	ug/m3
2/21/2023	
Methylene chloride	<3.0

OA-1	
3/30/2022	
Carbon tetrachloride	0.35
cis-1,2-DCE	< 0.20
Methylene chloride	< 3.00
PCE	0.32
TCE	< 0.20
2/21/2023	
Methylene chloride	< 3.00
Units	ug/m3

SG-1	
3/30/2022	
Carbon tetrachloride	0.4
cis-1,2-DCE	< 0.20
Methylene chloride	4.48
PCE	4.21
TCE	< 0.20
Units	ug/m3

IA-2	
3/30/2022	
Carbon tetrachloride	0.3
cis-1,2-DCE	< 0.20
Methylene chloride	< 3.00
PCE	< 0.25
TCE	< 0.20
Units	ug/m3

IA-3	
3/30/2022	
Carbon tetrachloride	0.35
cis-1,2-DCE	< 0.20
Methylene chloride	< 3.00
PCE	< 0.25
TCE	< 0.20
Units	ug/m3

Soil Vapor sampling location

Indoor Air sampling location

Sub-slab sampling location

Outdoor Air sampling location

Sample name box colors correspond to sample name colors on Table 3

North

Environmental Consulting & Management Services, Inc.

TITLE: Soil Vapor and Indoor Air Sampling Locations

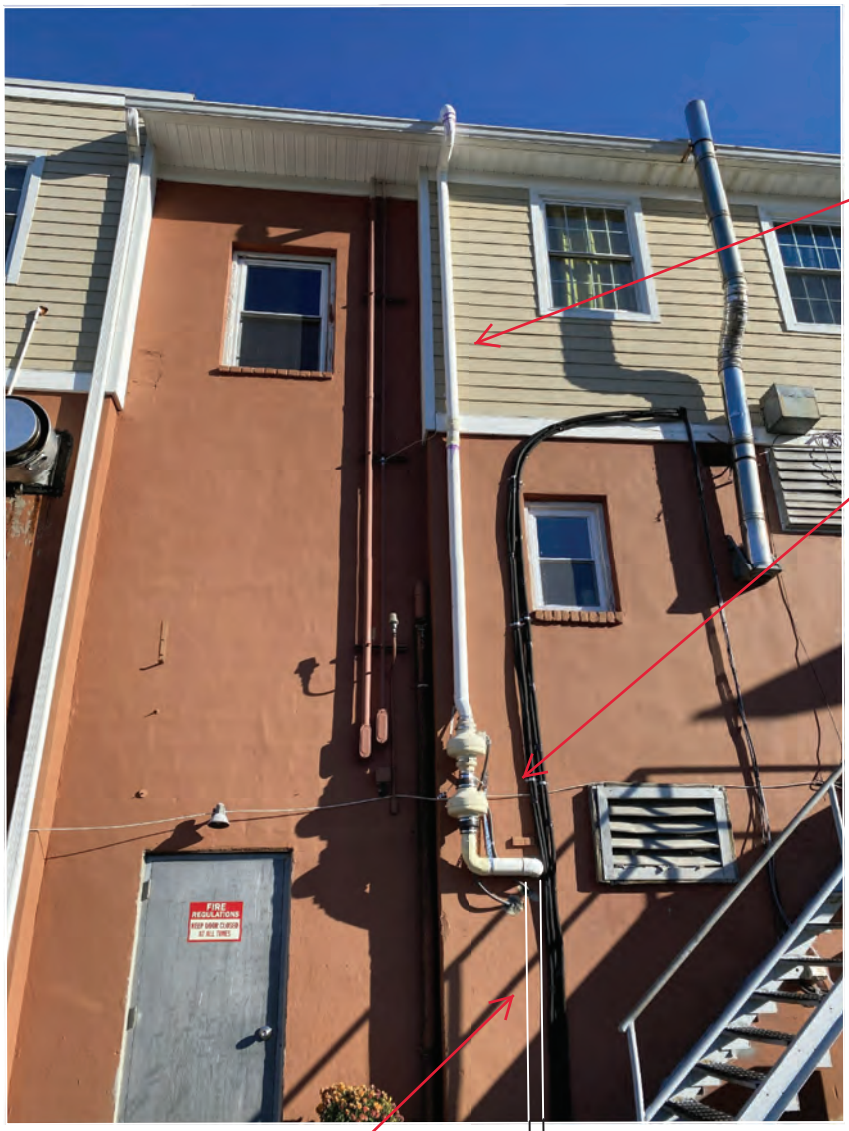
Site: 265 S Little Tor Road
LOCATION: 265 S Little Tor Rd
New City, NY 10956

SCALE: DTS

DRW BY: SS

DATE: 5/8/23

FIGURE 3



Environmental Consulting & Management Services, Inc.

TITLE	SSDS Schematic	
	Site: Tor Valley, Inc.	SCALE DTS
	LOCATION: 265 S. Little Tor Road New City, NY	PLATE FIGURE 4
	DRW BY: HS **DATE:** 08/2022	

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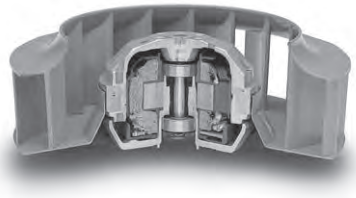

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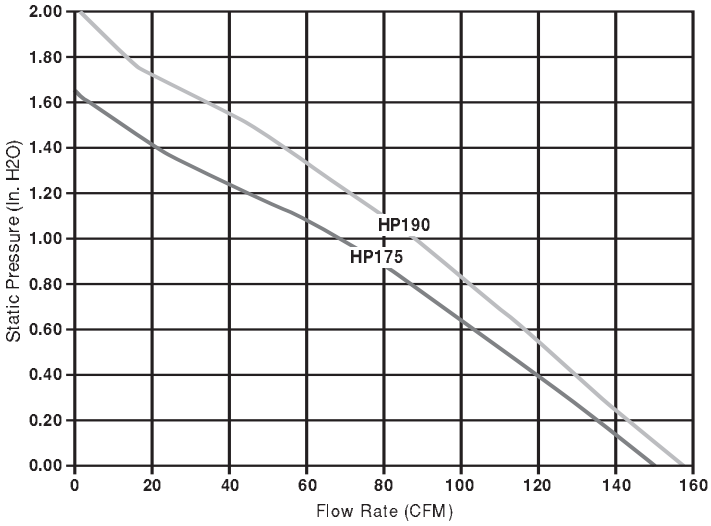
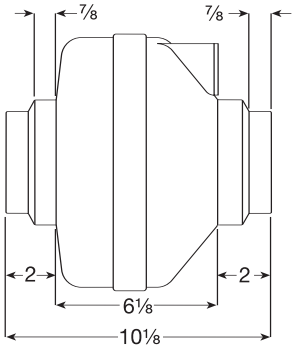
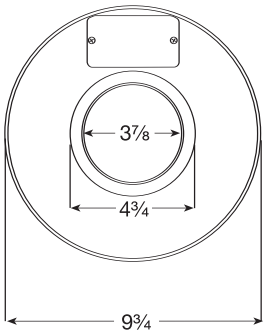


Tested with 4" ID duct and standard couplings.





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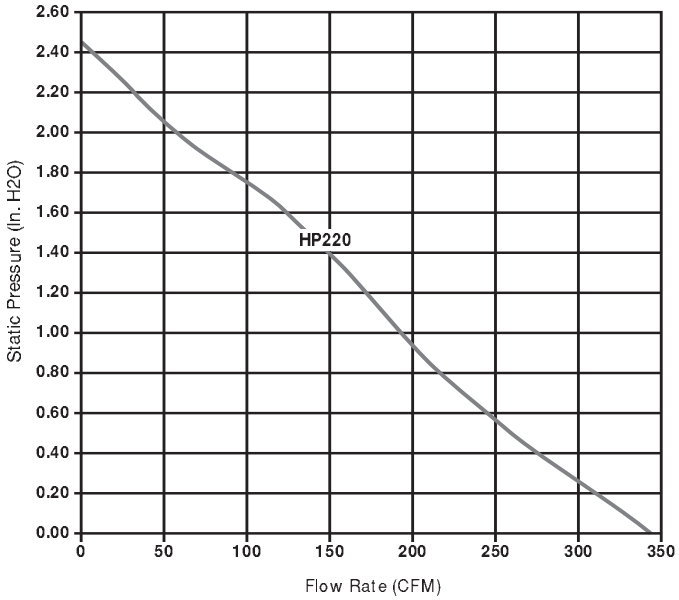
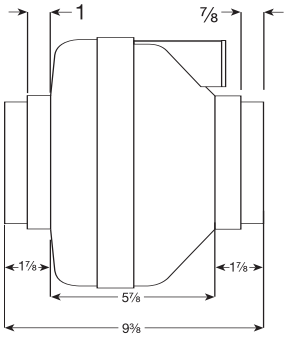
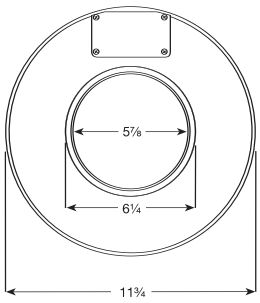
For 3" PVC pipe use Indiana Seals #156-43, Pipeconx PCX 56-43 or equivalent.

HP220 Radon Mitigation Fan



Tested with 6" ID duct and standard couplings.

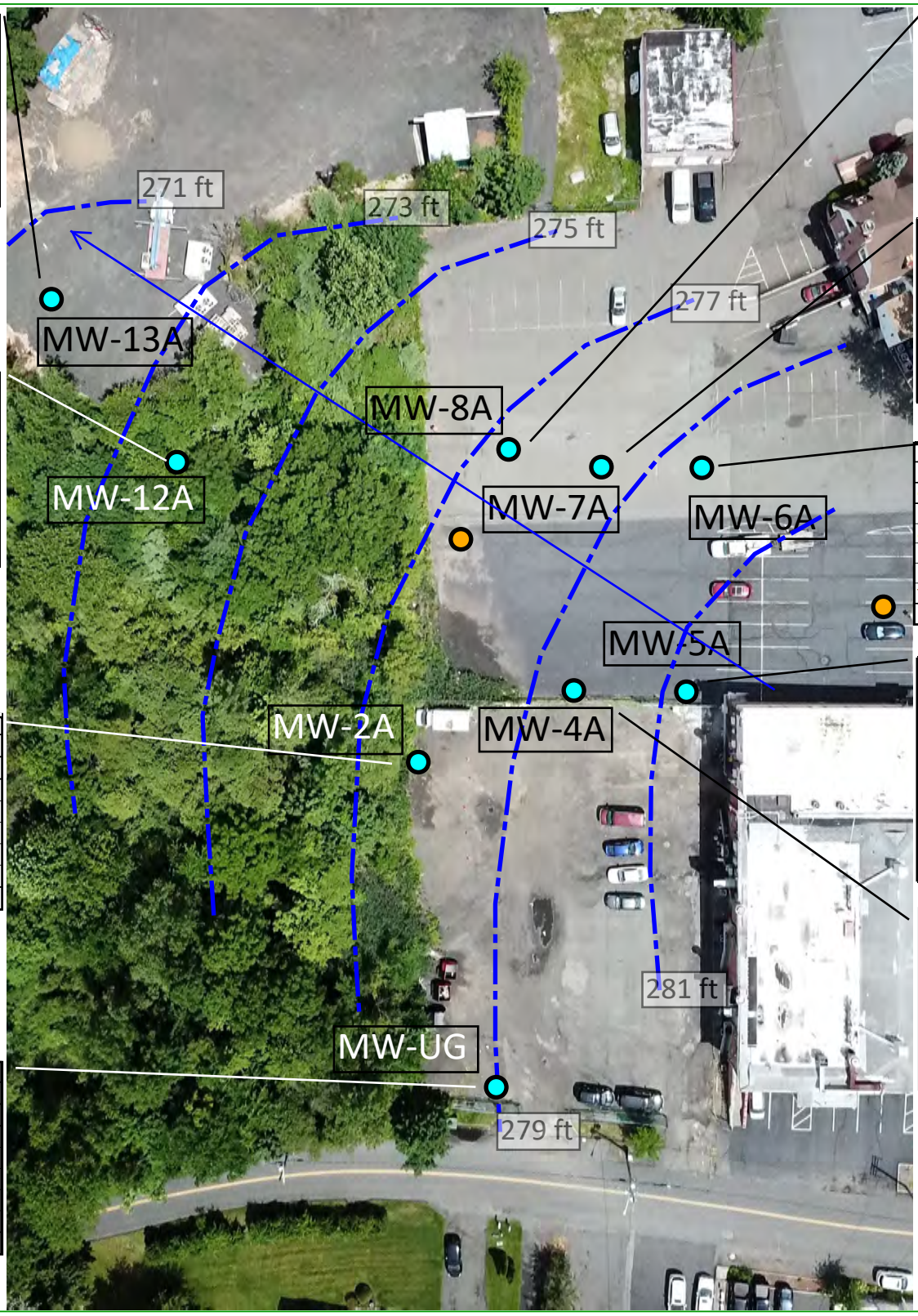




HP 220 – Excellent choice for systems with elevated radon levels, poor communication, multiple suction points and large subslab footprint. Replaces FR 175.

Fans are attached to PVC pipe using flexible couplings.
For 4" PVC pipe use Indiana Seals #156-64, Pipeconx PCX 56-64 or equivalent.

For 3" PVC pipe use Indiana Seals #156-63, Pipeconx PCX 56-63 or equivalent.



MW-13A	
6/15/2022	
GWE (ft)	0.00
Benzene	< 0.7
cis-1,2-DCE	**45**
Ethylbenzene	< 1.0
PCE	**39**
TCE	**12**
Units	ug/L

MW-12A	
6/15/2022	
GWE (ft)	0.00
Benzene	< 0.7
cis-1,2-DCE	**5.3**
Ethylbenzene	< 1.0
PCE	3.3
TCE	< 1.0
Units	ug/L

MW-2A	
6/15/2022	
GWE (ft)	0.00
Benzene	< 1.0
cis-1,2-DCE	< 5.0
Ethylbenzene	< 5.0
PCE	< 5.0
TCE	< 5.0
Units	ug/L

MW-UG	
6/13/2022	
GWE (ft)	0.00
Benzene	**2.4**
cis-1,2-DCE	< 1.0
Ethylbenzene	< 1.0
PCE	< 1.0
TCE	< 1.0
Units	ug/L

MW-8A	
6/13/2022	
GWE (ft)	0.00
Benzene	< 0.7
cis-1,2-DCE	**21**
Ethylbenzene	< 1.0
PCE	4.5
TCE	3.3
Units	ug/L

MW-7A	
6/15/2022	
GWE (ft)	0.00
Benzene	< 0.7
cis-1,2-DCE	< 1.0
Ethylbenzene	2
PCE	3.5
TCE	< 1.0
Units	ug/L

MW-6A	
6/15/2022	
GWE (ft)	0.00
Benzene	< 0.7
cis-1,2-DCE	< 1.0
Ethylbenzene	< 1.0
PCE	< 1.0
TCE	< 1.0
Units	ug/L

MW-5A	
6/15/2022	
GWE (ft)	0.00
Benzene	< 0.7
cis-1,2-DCE	< 1.0
Ethylbenzene	< 1.0
PCE	**550**
TCE	1.3
3/6/2023	
PCE	<5.0
Units	ug/L

MW-4A	
6/13/2022	
GWE (ft)	0.00
Benzene	< 0.7
cis-1,2-DCE	**23**
Ethylbenzene	< 1.0
PCE	**110**
TCE	**8.6**
Units	ug/L

279 ft Groundwater Contour

Monitoring Well Location

Bold - Value exceeds NYS standard

Inferred Groundwater Flow Direction

CAMP Station Location

North

Environmental Consulting and Management Services, Inc.

TITLE: Groundwater Elevation/ Groundwater Results Map

SITE: 265 S Little Tor Rd

LOCATION: 265 S Little Tor Road
New City, NY 10956

CLIENT: Tor Valley, Inc.

DRW BY: SAS

Date: 05/08/23

SCALE: DTS

PLATE: FIGURE 5

TABLES

Table 1
Historical Air Analytical Results
265 S Little Tor Road
New City, New York 10965

Sample ID		Impact IA-1				Impact SG-1				Impact IA-2				Impact SG-2			
Sample Date		11/22/2005	9/13/2006	12/28/2006	1/3/2008	11/22/2005	9/13/2006	12/28/2006	1/3/2008	11/22/2005	9/13/2006	12/28/2006	1/3/2008	11/22/2005	9/13/2006	12/28/2006	1/3/2008
Compound	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1-dichloroethene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-trimethylbenzene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-dioxane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-butanone	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-ethyltoluene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-methyl-2-pentanone	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromoethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon tetrachloride	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloromethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dichlorofluoromethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethanol	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl acetate	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropanol	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene chloride	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-hexane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethene	ug/m3	3.3	ND	3.8	4.8	13	109	14	6.2	43	NA	32	82.1	3.1	23	ND	ND
Tetrachlorofuran	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/m3	ND	NA	ND	ND	ND	5.1	10	ND	1.1	NA	0.81	1.6	ND	ND	ND	ND
Trichlorofluoromethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/m3	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
Non-detect ND
Not sampled NS
Result detected

Table 1
Historical Air Analytical Results
265 S Little Tor Road
New City, New York 10965

Sample ID		Impact IA-3				Impact SG-3				Impact OA-1				IA-1			
Sample Date		11/22/2005	9/13/2006	12/28/2006	1/3/2008	11/22/2005	9/13/2006	12/28/2006	1/3/2008	11/22/2005	9/13/2006	12/28/2006	1/3/2008	3/29/2010	12/19/2014	4/21/2015	1/30/2016
Compound	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1-dichloroethene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
1,2,4-trimethylbenzene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
1,4-dioxane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
2-butanone	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
4-ethyltoluene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
4-methyl-2-pentanone	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
Acetone	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.9	NS	NS	NS
Benzene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.3	0.58	1.3
Bromoethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
Carbon tetrachloride	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.41	ND	0.44
Chloromethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.2	NS	NS	NS
Dichlorofluoromethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2	ND	2.2
Ethanol	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	26	NS	NS	NS
Ethyl acetate	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.3	ND	ND
Ethylbenzene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
Isopropanol	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.6	1.6	ND
Methylene chloride	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.3	NS	NS	NS
n-hexane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
Styrene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS
Tetrachloroethene	ug/m3	21	NA	8.1	39	1	6.1	ND	11	ND	NA	1.2	ND	8.8	NS	NS	NS
Tetrachlorofuran	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND
Toluene	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.5	2.4	NS	NS
Trichloroethene	ug/m3	0.42	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NS	NS	NS
Trichlorofluoromethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.5	1.1	1.5
Vinyl chloride	ug/m3	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NS	NS	NS
Total Xylenes	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS

Notes:
Non-detect ND
Not sampled NS
Result detected

Table 1
Historical Air Analytical Results
265 S Little Tor Road
New City, New York 10965

Sample ID		IA-2	SG-1	SG-2	SG-4	OA-1				OA-2	SGG-1	SGG-2	SGG-3	SGG-4
Sample Date		3/29/2010	3/29/2010	3/29/2010	3/29/2010	3/29/2010	12/19/2014	4/21/2015	1/30/2016	3/29/2010	3/29/2010	3/29/2010	3/29/2010	3/29/2010
Compound	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1-dichloroethene	ug/m3	ND	8.3	5.8	ND	ND	NS	NS	NS	ND	ND	ND	ND	ND
1,2,4-trimethylbenzene	ug/m3	ND	ND	ND	ND	ND	NS	NS	NS	ND	ND	ND	ND	3
1,4-dioxane	ug/m3	ND	2.3	ND	ND	ND	NS	NS	NS	ND	ND	ND	ND	ND
2-butanone	ug/m3	9.1	ND	8.3	1.5	ND	NS	NS	NS	ND	ND	ND	ND	ND
4-ethyltoluene	ug/m3	ND	ND	ND	ND	ND	NS	NS	NS	ND	ND	7.4	ND	6.4
4-methyl-2-pentanone	ug/m3	ND	ND	ND	3.3	ND	NS	NS	NS	ND	ND	ND	ND	ND
Acetone	ug/m3	31	8.3	31	9.5	ND	NS	NS	NS	ND	ND	3.6	5	2.4
Benzene	ug/m3	NS	NS	NS	NS	NS	ND	ND	1.3	NS	NS	NS	NS	NS
Bromoethane	ug/m3	ND	23	ND	ND	ND	NS	NS	NS	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/m3	NS	NS	NS	NS	NS	ND	ND	0.44	NS	NS	NS	NS	NS
Chloromethane	ug/m3	1.3	1.2	1.3	1.1	ND	NS	NS	NS	ND	ND	1.1	1.1	ND
Dichlorofluoromethane	ug/m3	NS	NS	NS	NS	NS	1.4	1.9	2.2	NS	NS	NS	NS	NS
Ethanol	ug/m3	180	ND	140	19	ND	NS	NS	NS	ND	ND	5.7	9	7.7
Ethyl acetate	ug/m3	NS	NS	NS	NS	NS	ND	ND	ND	NS	NS	NS	NS	NS
Ethylbenzene	ug/m3	ND	ND	ND	ND	ND	NS	NS	NS	ND	ND	4.8	ND	9.1
Isopropanol	ug/m3	NS	NS	NS	NS	NS	0.55	ND	ND	NS	NS	NS	NS	NS
Methylene chloride	ug/m3	6.6	3.8	3.4	3.4	ND	NS	NS	NS	ND	ND	ND	ND	ND
n-hexane	ug/m3	2.1	ND	2.3	ND	ND	NS	NS	NS	ND	ND	ND	ND	ND
Styrene	ug/m3	ND	ND	ND	ND	ND	NS	NS	NS	ND	ND	47	ND	4.3
Tetrachloroethene	ug/m3	18	14	16	9.5	ND	NS	NS	NS	ND	ND	4.5	ND	26
Tetrachlorofuran	ug/m3	NS	NS	NS	NS	NS	0.15	ND	ND	NS	NS	NS	NS	NS
Toluene	ug/m3	5.7	4.9	6	4.1	ND	NS	NS	NS	ND	ND	20	ND	37
Trichloroethene	ug/m3	ND	ND	ND	ND	ND	NS	NS	NS	ND	ND	ND	ND	2.9
Trichlorofluoromethane	ug/m3	NS	NS	NS	NS	NS	0.98	1.1	ND	NS	NS	NS	NS	NS
Vinyl chloride	ug/m3	ND	ND	ND	2.5	ND	NS	NS	NS	ND	ND	ND	ND	ND
Total Xylenes	ug/m3	ND	ND	ND	ND	ND	NS	NS	NS	ND	ND	25.1	ND	36

Notes:
Non-detect ND
Not sampled NS
Result detected

Table 1
Historical Air Analytical Results
265 S Little Tor Road
New City, New York 10965

Sample ID		IA-1 2022	IA-2 2022	IA-3 2022	IA-4 2022	IA-4 2023	SG-1 2022	SG-2 2022	SG-3 2022	OA-1 2022	OA-1 2022
Sample Date		3/30/2022	3/30/2022	3/30/2022	3/30/2022	2/9/2023	3/30/2022	3/30/2022	3/30/2022	3/30/2022	2/9/2023
Compound	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1-dichloroethene	ug/m3	ND	ND	ND	ND	NS	ND	ND	ND	ND	NS
1,2,4-trimethylbenzene	ug/m3	ND	ND	ND	ND	NS	5.8	1.88	1.73	ND	NS
1,4-dioxane	ug/m3	ND	ND	ND	ND	NS	ND	1.68	ND	ND	NS
2-butanone	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4-ethyltoluene	ug/m3	ND	ND	ND	ND	NS	ND	1.93	1.13	ND	NS
4-methyl-2-pentanone	ug/m3	ND	ND	ND	ND	NS	ND	ND	15.6	ND	NS
Acetone	ug/m3	2.85	2.87	2.92	9.83	NS	103	75.3	719	4.51	NS
Benzene	ug/m3	ND	ND	ND	ND	NS	1.15	1.23	2.93	ND	NS
Bromoethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon tetrachloride	ug/m3	0.35	0.3	0.35	0.37	NS	0.4	0.33	ND	0.35	NS
Chloromethane	ug/m3	1.06	ND	1.03	1.15	NS	8.38	ND	ND	1.01	NS
Dichlorofluoromethane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethanol	ug/m3	83.6	4.69	6.89	63/6	NS	125	47.8	27.3	6.18	NS
Ethyl acetate	ug/m3	ND	ND	ND	ND	NS	1.57	2.75	1,400	ND	NS
Ethylbenzene	ug/m3	ND	ND	ND	ND	NS	7.07	2.96	2.43	ND	NS
Isopropanol	ug/m3	1.21	ND	ND	1.28	NS	5.63	7	6.29	ND	NS
Methylene chloride	ug/m3	ND	4.48	ND	11.8	ND	ND	12.9	ND	ND	ND
n-hexane	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/m3	ND	ND	ND	ND	NS	ND	ND	ND	ND	NS
Tetrachloroethene	ug/m3	ND	ND	ND	ND	NS	4.21	2.6	2.03	0.32	NS
Tetrachlorofuran	ug/m3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/m3	1.12	ND	ND	1.88	NS	23.7	17.3	6.93	ND	NS
Trichloroethene	ug/m3	ND	ND	ND	ND	NS	ND	0.3	ND	ND	NS
Trichlorofluoromethane	ug/m3	1.06	ND	1.07	1.41	NS	1.54	ND	1.36	1.06	NS
Vinyl chloride	ug/m3	ND	ND	ND	ND	NS	ND	ND	ND	ND	NS
Total Xylenes	ug/m3	ND	ND	ND	ND	NS	ND	ND	8.95	ND	NS

Notes:
Non-detect ND
Not sampled NS
Result detected

"2022" samples do not denote the same location as previous samples of the same name.

Table 2
Historical Groundwater Analytical Results
265 S Little Tor Rd
New City, NY 10956

Compound	TOGS-WQ/GA WQS (ug/L)	Units	MW-4																			
			4/26/1999	4/6/2005	9/13/2006*	12/27/2006*	3/15/2007	6/6/2007	9/5/2007	1/3/2008	3/27/2008	8/12/2009	4/5/2010	10/21/2010**	5/16/2011	12/13/2011	5/11/2012	4/25/2013	1/14/2014	12/19/2014	4/25/2015	6/13/2022
			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2,2-Tetrachloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloroethane	5	ug/L	ND	ND	ND	2.5	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ug/L	ND	0.93	ND	ND	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,1-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,3-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,3-Trichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,4-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,4-Trimethylbenzene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dibromoethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dichlorobenzene	4.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dichloroethane	0.6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,3,5-Trimethylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,3-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,3-Dichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,4-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
2,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
2-Butanone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	NS
2-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
2-Hexanone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
4-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
4-Methyl-2-pentanone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Acetone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.1	14	ND	ND	ND	ND	ND	ND	ND	1.8	ND
Acrylonitrile		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Benzene	0.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromochloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromodichloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromoform		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Carbon Disulfide	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Carbon tetrachloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Chlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Chloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND
Chloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
cis-1,2-Dichloroethene	5	ug/L	210	150	590	920	85	470	790	280	210	76	57	120	48	6.3	ND	40	48	52	4.6	23
cis-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Dibromochloromethane	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Dibromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Dichlorodifluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Ethylbenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Hexachlorobutadiene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Isopropylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
m&p-Xylene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Methyl ethyl ketone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Methyl t-butyl ether (MTBE)	10	ug/L	110	1.8	ND	ND	ND	ND	ND	1.3	ND	ND	ND	0.37	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Naphthalene	12	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
n-Propylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
o-Xylene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
p-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
sec-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Styrene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
tert-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Tetrachloroethene	5	ug/L	450	1400	170	180	28	400	620	180	280	82	71	87	1.6	2.4	ND	ND	4.9	4.6	0.33	110
Tetrahydrofuran (THF)		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Toluene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Total Xylenes	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
trans-1,2-Dichloroethene	5	ug/L	ND	1	ND	2.3	ND	ND	4.1	1	ND	ND	ND	1.8	ND	ND	ND	ND	ND	0.43	ND	ND
trans-1,2-Dichloroethylene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43	ND	NS
trans-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
trans-1,4-dichloro-2-butene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Trichloroethene	5	ug/L	210	54	49	29	14	64	130	40	44	11	8.8	23	1.9	3.1	ND	ND	3	3.1	0.25	8.6
Trichlorofluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Trichlorotrifluoroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Vinyl chloride	2	ug/L	12	4.8	150	39	7	30	44	26	73	2.2	5.7	16	10	1.4	ND	9.4	21	14	ND	ND

Notes:
* - sampling following May 31, 2006 injection
** - sampling following July 2010 injection
ND - Not detected
NS - Not sampled for given constituent
NA - Well not sampled
Result exceeds criteria
Result detected

Result detected
Result exceeds criteria

Table 2
Historical Groundwater Analytical Results
265 S Little Tor Rd
New City, NY 10956

Compound	TOGS-WQ/GA WQS (ug/L)	Units	MW-5																						
			4/26/1999	7/17/2002	4/6/2005	9/13/2006*	12/27/2006*	3/15/2007	6/6/2007	9/5/2007	1/3/2008	3/27/2008	8/12/2009	4/5/2010	10/21/2010**	5/16/2011	12/13/2011	5/11/2012	4/25/2013	1/14/2014	12/19/2014	4/25/2015	6/15/2022	3/6/2023
			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	1.2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,1,1-Trichloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,1,2,2-Tetrachloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,1,2-Trichloroethane	5	ug/L	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	NS
1,1-Dichloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,1-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,1-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,2,3-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,2,3-Trichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,2,4-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,2,4-Trimethylbenzene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,2-Dibromo-3-chloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,2-Dibromoethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,2-Dichlorobenzene	4.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,2-Dichloroethane	0.6	ug/L	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
1,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,3,5-Trimethylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,3-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,3-Dichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
1,4-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
2,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
2-Butanone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	NS	NS	NS
2-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
2-Hexanone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
2-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
4-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
4-Methyl-2-pentanone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Acetone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	8	ND	2.5	ND	ND	ND	ND	ND	31	2	ND	NS	NS
Acrylonitrile		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Benzene	0.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Bromobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Bromochloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Bromodichloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Bromoform		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Bromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Carbon Disulfide	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Carbon tetrachloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Chlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Chloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
Chloroform	7	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	0.66	ND	ND	1.2	1.5	1.2	ND	ND	ND	ND	0.65	ND	ND	ND	NS
Chloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
cis-1,2-Dichloroethene	5	ug/L	24	35	2.4	7.5	4.5	5.2	4.4	6.5	5.2	25	3.5	ND	ND	ND	78	250	44	ND	ND	ND	ND	ND	NS
cis-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Dibromochloromethane	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Dibromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Dichlorodifluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Ethylbenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Hexachlorobutadiene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Isopropylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
m&p-Xylene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Methyl ethyl ketone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Methyl t-butyl ether (MTBE)	10	ug/L	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
Methylene chloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Naphthalene	12	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79	ND	ND	ND	ND	ND	ND	ND	NS
n-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
n-Propylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
o-Xylene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
p-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
sec-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Styrene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
tert-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Tetrachloroethene	5	ug/L	320	78	36	180	200	120	69	2300	2000	1300	3.5	ND	ND	ND	14	2.9	ND	ND	ND	ND	550	ND	
Tetrahydrofuran (THF)		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Toluene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Total Xylenes	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
trans-1,2-Dichloroethene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
trans-1,2-Dichloroethylene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS
trans-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
trans-1,4-dichloro-2-butene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Trichloroethene	5	ug/L	5.3	8	1.5	ND	5.8	4.7	3.1	10	11	35	3.5	0.74	ND	ND	5.8	3.5	ND	ND	ND	ND	1.3	NS	
Trichlorofluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Trichlorotrifluoroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS
Vinyl chloride	2	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND	ND	ND	42	120	10	ND	ND	ND	ND	ND	NS

Notes:
* - sampling following May 31, 2006 injection
** - sampling following July 2010 injection
ND - Not detected
NS - Not sampled for given constituent
NA - Well not sampled
Result exceeds criteria
Result detected

Result detected
Result exceeds criteria

Table 2
Historical Groundwater Analytical Results
265 S Little Tor Rd
New City, NY 10956

Compound	TOGS-WQ/GA WQS (ug/L)	Units	MW-7															
			4/26/1999	4/6/2005	9/13/2006*	12/27/2006*	3/15/2007	6/6/2007	9/5/2007	1/3/2008	3/27/2008	8/12/2009	4/5/2010	10/21/2010**	5/16/2011	12/13/2011	5/11/2012	6/15/2022
			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2,2-Tetrachloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,1,2-Trichloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,3-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,3-Trichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,4-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2,4-Trimethylbenzene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dibromoethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dichlorobenzene	4.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,2-Dichloroethane	0.6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,3,5-Trimethylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,3-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,3-Dichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
1,4-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
2,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
2-Butanone	50	ug/L	ND	ND	ND	71	53	57	12	ND	15	ND	ND	ND	ND	ND	ND	NS
2-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
2-Hexanone	50	ug/L	ND	ND	ND	ND	ND	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
4-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
4-Methyl-2-pentanone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Acetone	50	ug/L	ND	ND	ND	ND	240	290	68	16	20	ND	10	ND	ND	ND	ND	ND
Acrylonitrile		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Benzene	0.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromochloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromodichloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromoform		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Bromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Carbon Disulfide	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Carbon tetrachloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Chlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Chloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
cis-1,2-Dichloroethene	5	ug/L	ND	ND	ND	2.5	ND	1.4	3.1	2.2	2	2.2	1.2	11	41	6.4	4.8	ND
cis-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Dibromochloromethane	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Dibromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Dichlorodifluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Ethylbenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2
Hexachlorobutadiene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Isopropylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
m&p-Xylene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Methyl ethyl ketone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Methyl t-butyl ether (MTBE)	10	ug/L	1.5	22	ND	11	6.5	4.8	6	2.9	4.3	3.2	1.5	0.71	ND	0.88	ND	ND
Methylene chloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Naphthalene	12	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
n-Propylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
o-Xylene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
p-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
sec-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Styrene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
tert-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Tetrachloroethene	5	ug/L	29	9.2	ND	1.6	1.8	1	1	5.6	2.4	2.2	ND	3.5	4.1	2.1	1.2	3.5
Tetrahydrofuran (THF)		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Toluene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Total Xylenes	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
trans-1,2-Dichloroethene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
trans-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
trans-1,4-dichloro-2-butene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Trichloroethene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	0.92	4.1	8.6	3	2.1	ND
Trichlorofluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Trichlorotrifluoroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
Vinyl chloride	2	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	1.4	ND	ND

Notes:
* - sampling following May 31, 2006 injection
** - sampling following July 2010 injection
ND - Not detected
NS - Not sampled for given constituent
NA - Well not sampled
Result exceeds criteria
Result detected

Result detected
Result exceeds criteria

Table 2
Historical Groundwater Analytical Results
265 S Little Tor Rd
New City, NY 10956

Compound	TOGS-WQ/GA WQS (ug/L)	Units	MW-8																	MW-14					Cropsey Well	
			4/26/1999	7/17/2002	4/6/2005	9/13/2006*	12/27/2006*	3/15/2007	6/6/2007	9/5/2007	1/3/2008	3/27/2008	8/12/2009	4/5/2010	10/21/2010**	5/16/2011	12/13/2011	5/11/2012	6/13/2022	8/12/2009	4/5/2010	5/16/2011	5/11/2012	6/13/2022	10/21/2010	6/13/2022
			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
1,1,1-Trichloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,1,2,2-Tetrachloroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,1,2-Trichloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
1,1-Dichloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
1,1-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
1,1-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,2,3-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,2,3-Trichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,2,4-Trichlorobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,2,4-Trimethylbenzene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
1,2-Dibromo-3-chloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,2-Dibromoethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,2-Dichlorobenzene	4.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,2-Dichloroethane	0.6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
1,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,3,5-Trimethylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,3-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,3-Dichloropropane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
1,4-Dichlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
2,2-Dichloropropane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
2-Butanone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND	ND	ND	NA	ND	NA
2-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
2-Hexanone	50	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
2-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
4-Chlorotoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
4-Methyl-2-pentanone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Acetone	50	ug/L	ND	ND	ND	ND	ND	ND	21	18	ND	ND	6.1	7.4	ND	ND	ND	ND	ND	3.2	ND	ND	ND	NA	ND	NA
Acrylonitrile		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Benzene	0.7	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Bromobenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Bromochloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Bromodichloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Bromoform		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Bromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Carbon Disulfide	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Carbon tetrachloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Chlorobenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Chloroethane	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
Chloroform	7	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
Chloromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
cis-1,2-Dichloroethene	5	ug/L	24	12	2.7	25	14	6.4	27	18	120	110	0.82	2.3	11	41	6.6	1.8	21	ND	ND	ND	ND	NA	ND	NA
cis-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Dibromochloromethane	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Dibromomethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Dichlorodifluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Ethylbenzene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Hexachlorobutadiene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Isopropylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
m&p-Xylene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	NS	ND	ND	ND	NA	ND	NA
Methyl ethyl ketone	50	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Methyl t-butyl ether (MTBE)	10	ug/L	6.6	0.93	24	5.5	2.9	1.7	4.1	3.2	1.6	2.5	ND	0.61	0.71	ND	0.74	ND	ND	ND	ND	ND	ND	NA	ND	NA
Methylene chloride	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Naphthalene	12	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
n-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
n-Propylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
o-Xylene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
p-Isopropyltoluene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
sec-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Styrene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
tert-Butylbenzene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Tetrachloroethene	5	ug/L	210	170	51	27	41	26	9.6	7.5	13	120	ND	3.5	4.1	3.9	2.3	1.1	4.5	ND	1.9	3.3	15	NA	ND	NA
Tetrahydrofuran (THF)		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Toluene	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Total Xylenes	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
trans-1,2-Dichloroethene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA
trans-1,2-Dichloroethylene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NA	ND	NA
trans-1,3-Dichloropropene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
trans-1,4-dichloro-2-butene		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Trichloroethene	5	ug/L	8	5.8	1.1	ND	1.4	1.7	2	4.2	5.4	38	ND	2.3	4.3	8.5	3.2	1.8	3.7	12	1.3	ND	ND	NA	ND	NA
Trichlorofluoromethane		ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Trichlorotrifluoroethane	5	ug/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	NA	ND	NA
Vinyl chloride	2	ug/L	1.4	ND	ND	ND	1.2	2.6	ND	5.4	21	13	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA

Notes:
* - sampling following May 31, 2006 injection
** - sampling following July 2010 injection
ND - Not detected
NS - Not sampled for given constituent
NA - Well not sampled
Result exceeds criteria
Result detected

Result detected
Result exceeds criteria

Table 3
Soil Vapor and Indoor Air Analytical Results
265 S Little Tor Road
New City, NY 10956

ECMS, Inc	Collection Date		3/30/2022		3/30/2022	3/30/2022		3/30/2022		3/30/2022		2/9/2023		3/30/2022	3/30/2022	3/30/2022	2/9/2023
10 Filmont Drive	Sample ID		IA-1		SG-2	IA-2		IA-3		IA-4		IA-4		SG-1	SG-3	OA-1	OA-1
New City, NY	Matrix		Indoor Air		Sub-Slab Vapor	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Sub-Slab Vapor	Soil Gas Vapor	Ambient Outdoor Air	Ambient Outdoor Air
Project Id : 22.066 LITTLE TOR	CAS	Units	Result	NYSDOH Soil Vapor Intrusion Decision Matrix	Result	Result	NYSDOH Soil Vapor Intrusion Decision Matrix	Result	NYSDOH Soil Vapor Intrusion Decision Matrix	Result	NYSDOH Soil Vapor Intrusion Decision Matrix	Result	NYSDOH Soil Vapor Intrusion Decision Matrix	Result	Result	Result	Result
Volatiles (TO15) By TO15																	
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	< 1.00	B1	< 1.00	< 1.00	B1	< 1.00	B1	< 1.00	B1	NS		< 1.00	< 1.00	< 1.00	< 1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethane	75-34-3	ug/m3	< 1.00	A1	< 1.00	< 1.00	A1	< 1.00	A1	< 1.00	A1	NS		< 1.00	< 1.00	< 1.00	< 1.00
1,1-Dichloroethene	75-35-4	ug/m3	< 0.20		< 0.20	< 0.20		< 0.20		< 0.20		NS		< 0.20	< 0.20	< 0.20	< 0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	< 1.00		1.88	< 1.00		< 1.00		< 1.00		NS		5.8	1.73	< 1.00	< 1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,2-dichloropropane	78-87-5	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		1.76	< 1.00	< 1.00	< 1.00
1,3-Butadiene	106-99-0	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	7.83	< 1.00	< 1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dioxane	123-91-1	ug/m3	< 1.00		1.65	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	4.09	< 1.00	< 1.00
4-Ethyltoluene	622-96-8	ug/m3	< 1.00		1.93	< 1.00		< 1.00		< 1.00		NS		5.65	1.13	< 1.00	< 1.00
4-Isopropyltoluene	99-87-6	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	< 1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	15.6	< 1.00	NS
Acetone	67-64-1	ug/m3	2.85		75.3	2.87		2.92		9.83		NS		103	719	4.51	NS
Acrylonitrile	107-13-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Benzene	71-43-2	ug/m3	< 1.00		1.23	< 1.00		< 1.00		< 1.00		NS		1.15	2.93	< 1.00	NS
Benzyl chloride	100-44-7	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Bromodichloromethane	75-27-4	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Bromoform	75-25-2	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Bromomethane	74-83-9	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Carbon Disulfide	75-15-0	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	1.24	< 1.00	NS
Carbon Tetrachloride	56-23-5	ug/m3	0.35	A2	0.33	0.3	A2	0.35	A2	0.37	A2	NS	NS	0.4	< 0.20	0.35	NS
Chlorobenzene	108-90-7	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Chloroethane	75-00-3	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Chloroform	67-66-3	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		2.14		NS		< 1.00	< 1.00	< 1.00	NS
Chloromethane	74-87-3	ug/m3	1.06		< 1.00	< 1.00		1.03		1.15		NS		8.38	< 1.00	1.01	NS
Cis-1,2-Dichloroethene	156-59-2	ug/m3	< 0.20	A1	< 0.20	< 0.20	A1	< 0.20	A1	< 0.20	A1	NS	NS	< 0.20	0.22	< 0.20	NS
Cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Cyclohexane	110-82-7	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Dibromochloromethane	124-48-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Dichlorodifluoromethane	75-71-8	ug/m3	1.29		1.28	< 1.00		1.2		2.24		NS		2.89	2.2	< 1.00	NS
Ethanol	64-17-5	ug/m3	83.6		47.8	4.69		6.89		63.6		NS		125	27.3	6.18	NS
Ethyl acetate	141-78-6	ug/m3	< 1.00		2.75	< 1.00		< 1.00		< 1.00		NS		1.57	1,400	< 1.00	NS
Ethylbenzene	100-41-4	ug/m3	< 1.00		2.96	< 1.00		< 1.00		< 1.00		NS		7.07	2.43	< 1.00	NS
Heptane	142-82-5	ug/m3	< 1.00		1.63	< 1.00		< 1.00		< 1.00		NS		2.03	1.89	< 1.00	NS
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Hexane	110-54-3	ug/m3	< 1.00		1.79	< 1.00		< 1.00		3.05		NS		2.04	4.3	1.07	NS
Isopropylalcohol	67-63-0	ug/m3	1.21		7	< 1.00		< 1.00		1.28		NS		5.63	6.29	< 1.00	NS
Isopropylbenzene	98-82-8	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
m,p-Xylene	179601-23-1	ug/m3	< 1.00		10.9	< 1.00		< 1.00		< 1.00		NS		26.1	6.9	< 1.00	NS
Methyl Ethyl Ketone	78-93-3	ug/m3	< 1.00		3.95	< 1.00		< 1.00		2.05		NS		5.54	1,000	< 1.00	NS
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Methylene Chloride	75-09-2	ug/m3	< 3.00	B1	12.9	< 3.00	B1	< 3.00	B1	11.8	B3	<3.00	B1	4.48	< 3.00	< 3.00	<3.00
n-Butylbenzene	104-51-8	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
o-Xylene	95-47-6	ug/m3	< 1.00		3.5	< 1.00		< 1.00		< 1.00		NS		8.16	2.05	< 1.00	NS
Propylene	115-07-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	9.61	< 1.00	NS
sec-Butylbenzene	135-98-8	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Styrene	100-42-5	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Tetrachloroethene	127-18-4	ug/m3	< 0.25	B1	2.6	< 0.25	B1	< 0.25	B1	< 0.25	B1	NS	NS	4.21	2.03	0.32	NS
Tetrahydrofuran	109-99-9	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		1.29		NS		< 1.00	< 1.00	< 1.00	NS
Toluene	108-88-3	ug/m3	1.12		17.3	< 1.00		< 1.00		1.88		NS		23.7	6.93	< 1.00	NS
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Trichloroethene	79-01-6	ug/m3	< 0.20	A1	0.3	< 0.20	A1	< 0.20	A1	< 0.20	A1	NS	NS	< 0.20	< 0.20	< 0.20	NS
Trichlorofluoromethane	75-69-4	ug/m3	1.06		1.32	< 1.00		1.07		1.41		NS		1.54	1.36	1.06	NS
Trichlorotrifluoroethane	76-13-1	ug/m3	< 1.00		< 1.00	< 1.00		< 1.00		< 1.00		NS		< 1.00	< 1.00	< 1.00	NS
Vinyl Chloride	75-01-4	ug/m3	< 0.20	C1	< 0.20	< 0.20	C1	< 0.20	C1	< 0.20	C1	NS	NS	< 0.20	< 0.20	< 0.20	NS

Notes:
Result Detected
A1, A2 NYSDOH Soil Vapor Intrusion Matrix A Decision: No Further Action
B1, B2 NYSDOH Soil Vapor Intrusion Matrix B Decision: No Further Action
B3 NYSDOH Soil Vapor Intrusion Matrix B Decision: Identify sources and resample and/or mitigate
C1 NYSDOH Soil Vapor Intrusion Matrix B Decision: No Further Action
NS Not sampled

Table 4
Groundwater Analytical Results
265 S Little Tor Road
New City, 10956

ECMS, Inc	Collection Date			6/13/2022	6/15/2022	6/13/2022	6/15/2022	3/6/2023	6/15/2022	6/15/2022	6/13/2022	6/15/2022	6/15/2022
10 Filmont Drive	Client Id			MW-UG	MW-2A	MW-4A	MW-5A	MW-5A	MW-6A	MW-7A	MW-8A	MW-12A	MW-13A
New City, NY	Matrix			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Project ID: 265 S LITTLE TOR RD	CAS	Units	TOGS-GW	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatiles By SW8260C													
1,1,1,2-Tetrachloroethane	630-20-6	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	71-55-6	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 0.50	< 5.0	< 0.50	< 0.50	NS	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	79-00-5	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	75-34-3	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	75-35-4	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	563-58-6	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L		< 1.0	< 10	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	96-18-4	ug/L	5	< 0.25	< 1.0	< 0.25	< 0.25	NS	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 1.0	< 10	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L		< 0.50	< 1.0	< 0.50	< 0.50	NS	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dibromoethane	106-93-4	ug/L		< 0.25	< 1.0	< 0.25	< 0.25	NS	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,2-Dichlorobenzene	95-50-1	ug/L	4.7	< 1.0	< 4.7	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	107-06-2	ug/L	5	< 0.60	< 1.0	< 0.60	< 0.60	NS	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60
1,2-Dichloropropane	78-87-5	ug/L		< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	541-73-1	ug/L	5	< 1.0	< 3.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	142-28-9	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	106-46-7	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	594-20-7	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	95-49-8	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Hexanone	591-78-6	ug/L		< 5.0	< 50	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
2-Isopropyltoluene	527-84-4	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	106-43-4	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Methyl-2-pentanone	108-10-1	ug/L	50	< 5.0	< 50	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	67-64-1	ug/L	50	< 25	< 50	< 25	< 25	NS	< 25	< 25	< 25	< 25	< 25
Acrylonitrile	107-13-1	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	71-43-2	ug/L	1	2.4	< 1.0	< 0.70	< 0.70	NS	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70
Bromobenzene	108-86-1	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	74-97-5	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	75-27-4	ug/L		< 0.50	< 5.0	< 0.50	< 0.50	NS	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	75-25-2	ug/L		< 1.0	< 10	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	74-83-9	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Disulfide	75-15-0	ug/L	50	< 5.0	< 50	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	56-23-5	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	108-90-7	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	75-00-3	ug/L	50	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	67-66-3	ug/L	7	< 1.0	< 7.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	74-87-3	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	156-59-2	ug/L		< 1.0	< 5.0	23	< 1.0	NS	< 1.0	< 1.0	21	5.3	45
cis-1,3-Dichloropropene	10061-01-5	ug/L		< 0.40	< 1.0	< 0.40	< 0.40	NS	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Dibromochloromethane	124-48-1	ug/L	50	< 0.50	< 5.0	< 0.50	< 0.50	NS	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibromomethane	74-95-3	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	75-71-8	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	100-41-4	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	2	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	87-68-3	ug/L		< 0.40	< 1.0	< 0.40	< 0.40	NS	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Isopropylbenzene	98-82-8	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m&p-Xylene	179601-23-1	ug/L		< 1.0	< 10	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl ethyl ketone	78-93-3	ug/L	50	< 5.0	< 50	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L		< 1.0	< 10	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	75-09-2	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	91-20-3	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Butylbenzene	104-51-8	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	103-65-1	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	95-47-6	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	99-87-6	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	135-98-8	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	100-42-5	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	98-06-6	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	127-18-4	ug/L	5	< 1.0	< 5.0	110	550	<5.0	< 1.0	3.5	4.5	3.3	39
Tetrahydrofuran (THF)	109-99-9	ug/L		< 2.5	< 25	< 2.5	< 2.5	NS	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Toluene	108-88-3	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Xylenes	1330-20-7	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	10061-02-6	ug/L		< 0.40	< 1.0	< 0.40	< 0.40	NS	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
trans-1,4-dichloro-2-butene	110-57-6	ug/L		< 5.0	< 5.0	< 5.0	< 5.0	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	79-01-6	ug/L	5	< 1.0	< 5.0	8.6	1.3	NS	< 1.0	< 1.0	3.7	< 1.0	12
Trichlorofluoromethane	75-69-4	ug/L		< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 1.0	< 5.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	75-01-4	ug/L	2	< 1.0	< 2.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Notes:
Result Detected
Result Exceeds Criteria

Table 5
Groundwater Elevation Gauging Data
265 S Little Tor Road
New City, New York 10956

Well	Depth to Bottom	Depth to Water 6/10/22	Depth to Water 6/13/22	*Depth to Water 6/15/22	Top of Casing Elevation	*Groundwater Elevation 6/15/22
MW-UG	10.10	NA	2.89	3.31	282.32	279.01
MW-2A	9.85	7.65	0.17	2.40	280.71	278.31
MW-4A	10.55	3.80	2.32	2.55	281.85	279.30
MW-5A	10.20	4.40	2.97	3.20	284.45	281.25
MW-6A	14.90	12.68	10.19	10.43	289.84	279.41
MW-7A	10.11	6.68	5.97	6.18	284.00	277.82
MW-8A	10.00	5.21	5.14	5.35	282.59	277.24
MW-12A	10.20	NA	5.04	5.25	279.73	274.48
MW-13A	15.04	13.50	13.00	13.06	285.57	272.51

Notes:

Units - ft

"NA" - Depth to water not measured

"*" - Measurements used for groundwater contour calculation

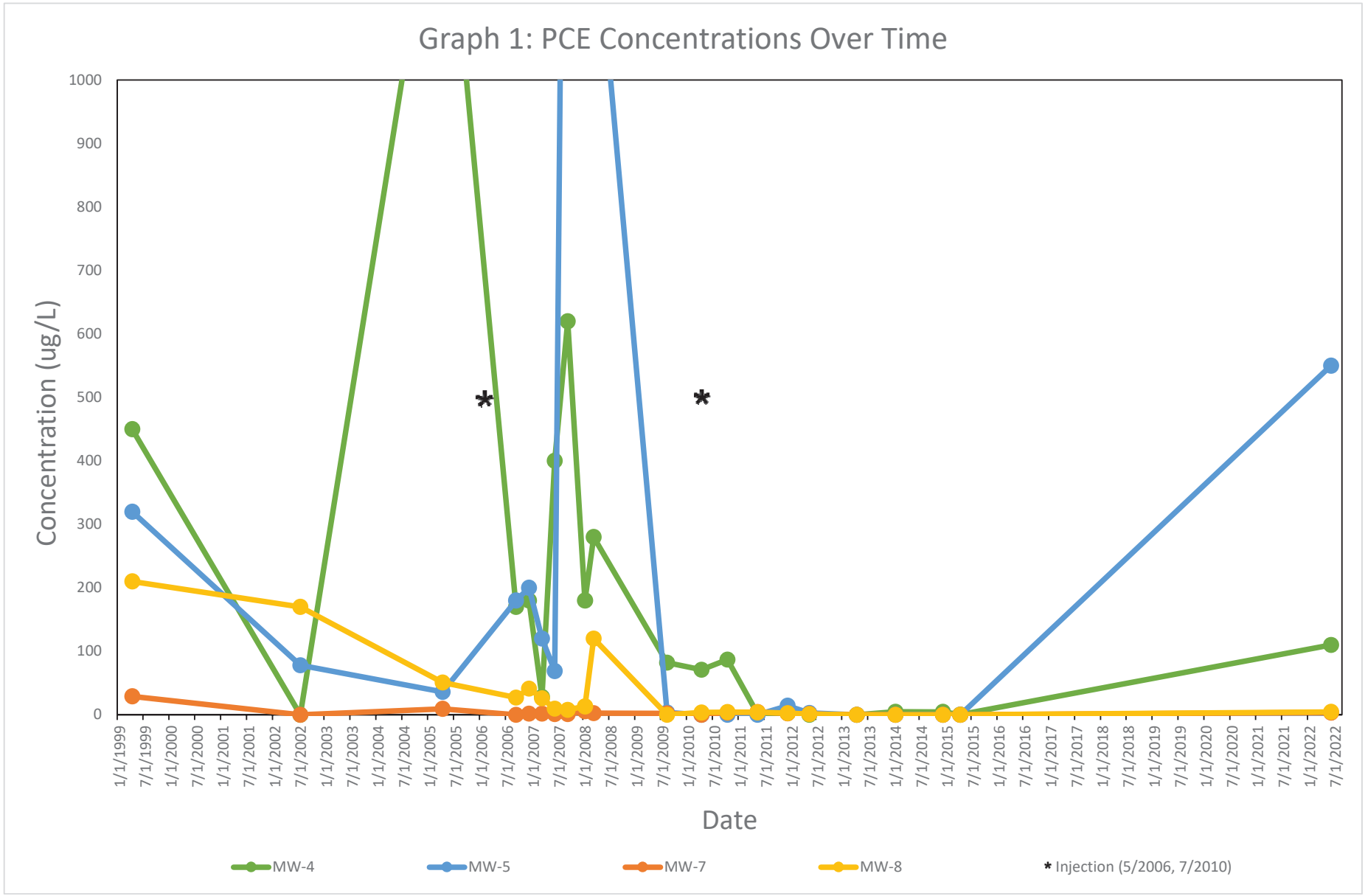
Table 6
Indoor Air & Outdoor Air Analytical Results – Bombay Grill

ECMS, Inc 10 Filmont Drive New City, NY Project ID: LITTLE TOR	Collection Date		2/21/2023	2/21/2023	NYSDOH Soil Vapor/Indoor Air Matrix
	Client ID		OA-1	IA-1	
	Matrix		Air	Air	
	CAS	Units	Result	Result	
Volatiles (TO15) By TO15					
Methylene Chloride	75-09-2	ug/m3	< 3.00	< 3.00	A1

Notes:

A1 NYSDOH Soil Vapor/Indoor Air Matrix A Decision: No Further Action

GRAPHS


Graph 1: PCE Concentrations Over Time
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
*
*
1/1/1999
7/1/1999
1/1/2000
7/1/2000
1/1/2001
7/1/2001
1/1/2002
7/1/2002
1/1/2003
7/1/2003
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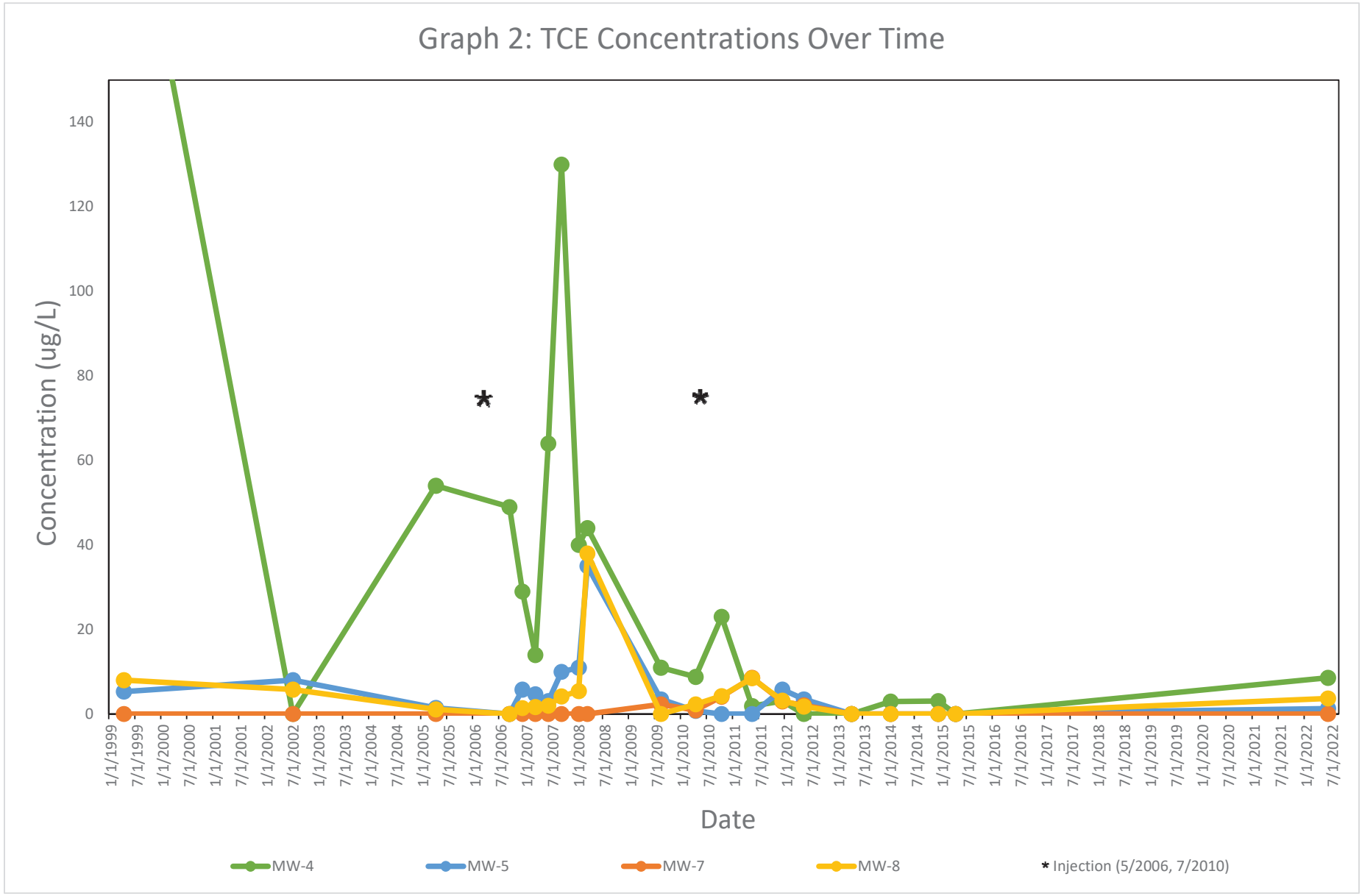
1/1/2018
7/1/2018
1/1/2019
7/1/2019
1/1/2020
7/1/2020
1/1/2021
7/1/2021
1/1/2022
7/1/2022
Date
MW-4
MW-5
MW-7
MW-8
* Injection (5/2006, 7/2010)


Graph 2: TCE Concentrations Over Time
Concentration (ug/L)
140
120
100
80
60
40
20
0
*
*
1/1/1999
7/1/1999
1/1/2000
7/1/2000
1/1/2001
7/1/2001
1/1/2002
7/1/2002
1/1/2003
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1/1/2019
7/1/2019
1/1/2020
7/1/2020
1/1/2021
7/1/2021
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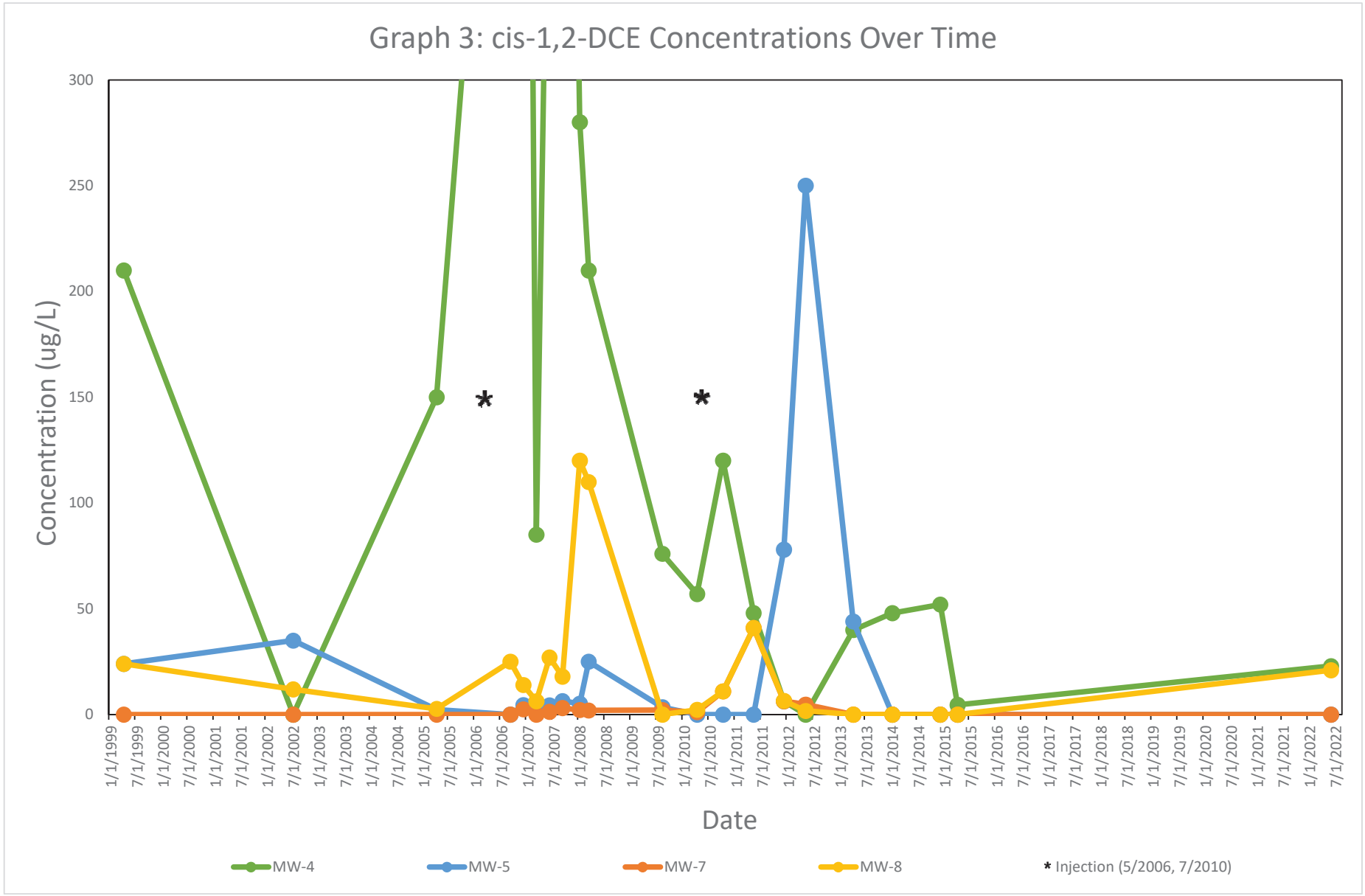
7/1/2022
Date
MW-4
MW-5
MW-7
MW-8
* Injection (5/2006, 7/2010)


Graph 3: cis-1,2-DCE Concentrations Over Time
Concentration (ug/L)
300
250
200
150
100
50
0
*
*
1/1/1999
7/1/1999
1/1/2000
7/1/2000
1/1/2001
7/1/2001
1/1/2002
7/1/2002
1/1/2003
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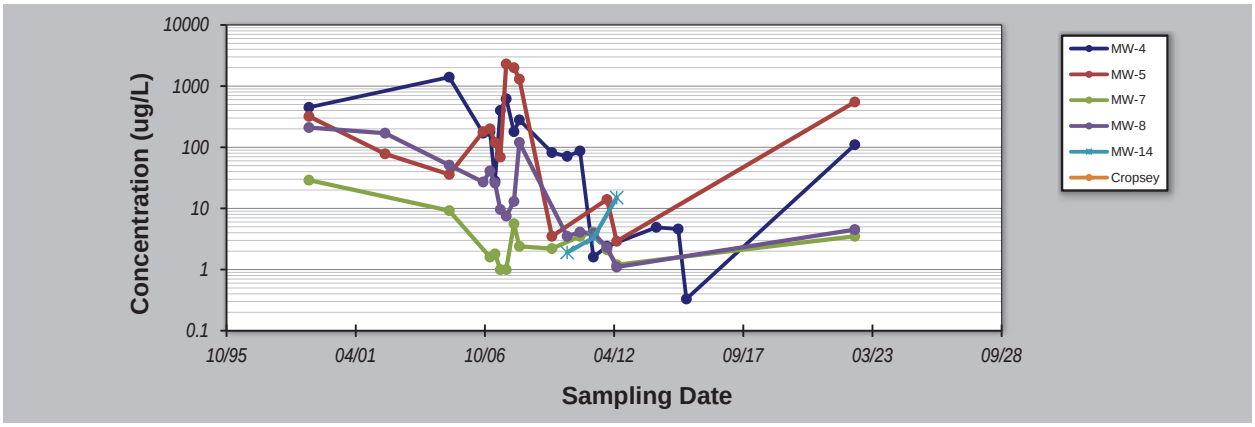
7/1/2018
1/1/2019
7/1/2019
1/1/2020
7/1/2020
1/1/2021
7/1/2021
1/1/2022
7/1/2022
Date
MW-4
MW-5
MW-7
MW-8
* Injection (5/2006, 7/2010)

Graph 4
Mann-Kendall Trend Analysis of PCE
265 S Little Tor Road
New City, New York 10956

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	Jul-22	Job ID:	
Facility Name:	ECMS	Constituent:	PCE
Conducted By:	SS	Concentration Units:	ug/L

Sampling Point ID:	MW-4	MW-5	MW-7	MW-8	MW-14	Cropsey	
Sampling Event	Sampling Date	PCE CONCENTRATION (ug/L)						
1	4/26/1999	450	320	29	210			
2	7/17/2002	-	78	-	170			
3	4/6/2005	1400	36	9.2	51			
4	9/13/2006	170	180	0	27			
5	12/27/2006	180	200	1.6	41			
6	3/15/2007	28	120	1.8	26			
7	6/6/2007	400	69	1	9.6			
8	9/5/2007	620	2300	1	7.5			
9	1/3/2008	180	2000	5.6	13			
10	3/27/2008	280	1300	2.4	120			
11	8/12/2009	82	3.5	2.2	0	-		
12	4/5/2010	71	0	0	3.5	1.9		
13	10/21/2010	87	0	3.5	4.1	-	-	
14	5/16/2011	1.6	0	4.1	3.9	3.3		
15	12/13/2011	2.4	14	2.1	2.3	-		
16	5/11/2012	0	2.9	1.2	1.1	15		
17	4/25/2013	0	0	-	-			
18	1/14/2014	4.9	0	-	-			
19	12/19/2014	4.6	0	-	-			
20	4/25/2015	0.33	0	-	-			
21	6/15/2022	110	550	3.5	4.5		-	
22								
23								
24								
25								
Coefficient of Variation:		1.63	1.97	1.64	1.56	1.07		
Mann-Kendall Statistic (S):		-102	-83	-3	-90	3		
Confidence Factor:		>99.9%	99.4%	53.6%	>99.9%			
Concentration Trend:		Decreasing	Decreasing	No Trend	Decreasing			



Notes:

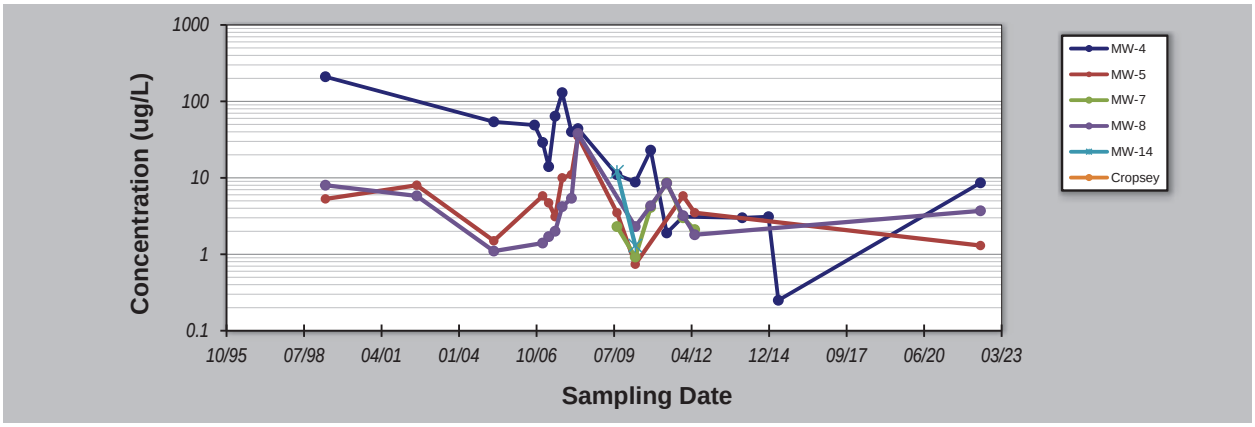
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

Graph 5
Mann-Kendall Trend Analysis of TCE
265 S Little Tor Road
New City, New York, 10956

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	Jun-22	Job ID:	
Facility Name:	ECMS	Constituent:	TCE
Conducted By:	SS	Concentration Units:	ug/L

Sampling Point ID:	MW-4	MW-5	MW-7	MW-8	MW-14	Cropsey	
Sampling Event	Sampling Date	TCE CONCENTRATION (ug/L)						
1	4/26/1999	210	5.3	0	8			
2	7/17/2002	-	8	-	5.8			
3	4/6/2005	54	1.5	0	1.1			
4	9/13/2006	49	0	0	0			
5	12/27/2006	29	5.8	0	1.4			
6	3/15/2007	14	4.7	0	1.7			
7	6/6/2007	64	3.1	0	2			
8	9/5/2007	130	10	0	4.2			
9	1/3/2008	40	11	0	5.4			
10	3/27/2008	44	35	0	38			
11	8/12/2009	11	3.5	2.3	0	12		
12	4/5/2010	8.8	0.74	0.92	2.3	1.3		
13	10/21/2010	23	0	4.1	4.3	-	0	
14	5/16/2011	1.9	0	8.6	8.5	0		
15	12/13/2011	3.1	5.8	3	3.2	-		
16	5/11/2012	0	3.5	2.1	1.8	0		
17	4/25/2013	0	0	-	-			
18	1/14/2014	3	0	-	-			
19	12/19/2014	3.1	0	-	-			
20	4/25/2015	0.25	0	-	-			
21	6/15/2022	8.6	1.3	0	3.7	-	-	
22								
23								
24								
25								
Coefficient of Variation:		1.50	1.64	1.71	1.63	1.75		
Mann-Kendall Statistic (S):		-120	-69	70	17	-5		
Confidence Factor:		>99.9%	98.0%	>99.9%	74.2%	89.6%		
Concentration Trend:		Decreasing	Decreasing	Increasing	No Trend	No Trend		



Notes:

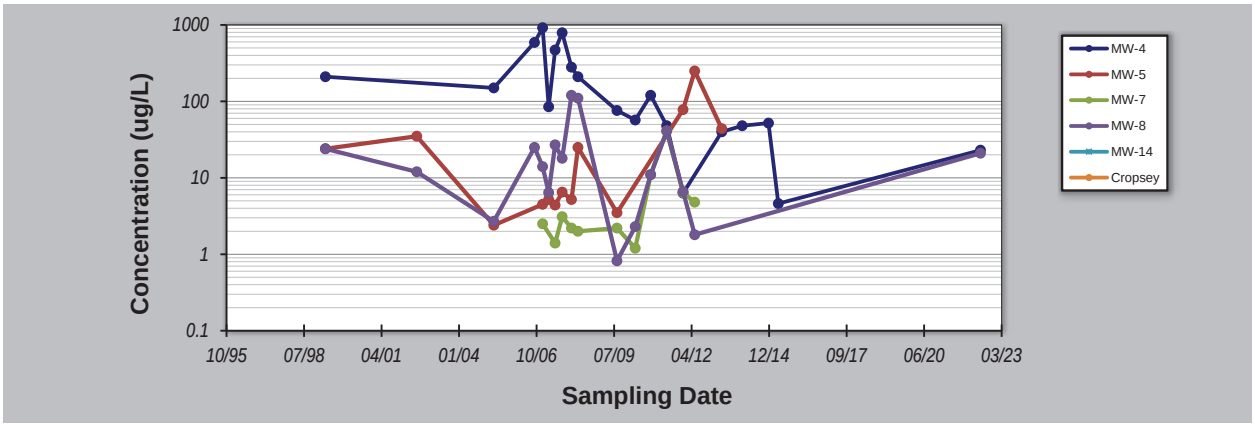
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

Graph 6
Mann-Kendall Trend Analysis of cis-1,2-DCE
265 S Little Tor Road
New City, New York, 10956

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	Jun-22	Job ID:	
Facility Name:	ECMS	Constituent:	cis-1,2-DCE
Conducted By:	SS	Concentration Units:	ug/L

Sampling Point ID:	MW-4	MW-5	MW-7	MW-8	MW-14	Cropsey	
Sampling Event	Sampling Date	CIS-1,2-DCE CONCENTRATION (ug/L)						
1	4/26/1999	210	24	0	24			
2	7/17/2002	-	35	-	12			
3	4/6/2005	150	2.4	0	2.7			
4	9/13/2006	590	7.5J	0	25			
5	12/27/2006	920	4.5	2.5	14			
6	3/15/2007	85	5.2	0	6.4			
7	6/6/2007	470	4.4	1.4	27			
8	9/5/2007	790	6.5	3.1	18			
9	1/3/2008	280	5.2	2.2	120			
10	3/27/2008	210	25	2	110			
11	8/12/2009	76	3.5	2.2	0.82	0		
12	4/5/2010	57	0	1.2	2.3	0		
13	10/21/2010	120	0	11	11	-	-	
14	5/16/2011	48	0	41	41	0		
15	12/13/2011	6.3	78	6.4	6.6	-		
16	5/11/2012	0	250	4.8	1.8	0		
17	4/25/2013	40	44	-	-			
18	1/14/2014	48	0	-	-			
19	12/19/2014	52	0	-	-			
20	4/25/2015	4.6	0	-	-			
21	6/15/2022	23	0	0	21	-	-	
22								
23								
24								
25								
Coefficient of Variation:		1.30	2.26	1.99	1.35	#DIV/0!		
Mann-Kendall Statistic (S):		-118	-16	73	-10	0		
Confidence Factor:		>99.9%	69.8%	>99.9%	64.2%	37.5%		
Concentration Trend:		Decreasing	No Trend	Increasing	No Trend	#DIV/0!		



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

APPENDICES

APPENDIX A
NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form

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 Harry Sudwischer Date/Time Prepared 3/20/2022

Preparer's Affiliation ECMS/Environmental consultant Phone No. (203) 241-1030

Purpose of Investigation_____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: Milich First Name: Scott

Address: 3 Belaire Terrace, New City, NY 10956

County: Rockland

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) Restaurants, barber shop, liquor store, smoke shop, offices

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

Other characteristics:

Number of floors 3 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

Limited airflow between floors

Airflow near source

Limited airflow, some vents near SG-2

Outdoor air infiltration

IA-4 located within 15 ft of an entryway that was used frequently during sampling

Infiltration into air ducts

No air ducts present

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: 8 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

No cracks or drains present in former dry cleaner. There were appliances and storage containers Bombay Grill kitchen space, so no entry points could be discerned. The former spa contained shower drains and plumbing penetrations in the floor.

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: Electric

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Storage, kitchen space, former spa
1st Floor	Restaurants, barber shop, liquor store, smoke shop
2nd Floor	Office spaces
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 Weedwacker

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

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

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

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

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

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

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

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? Roof

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: Mold odor in former spa due to leaky pipes

Do any of the building occupants use solvents at work? Y / N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: December 16, 2013
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

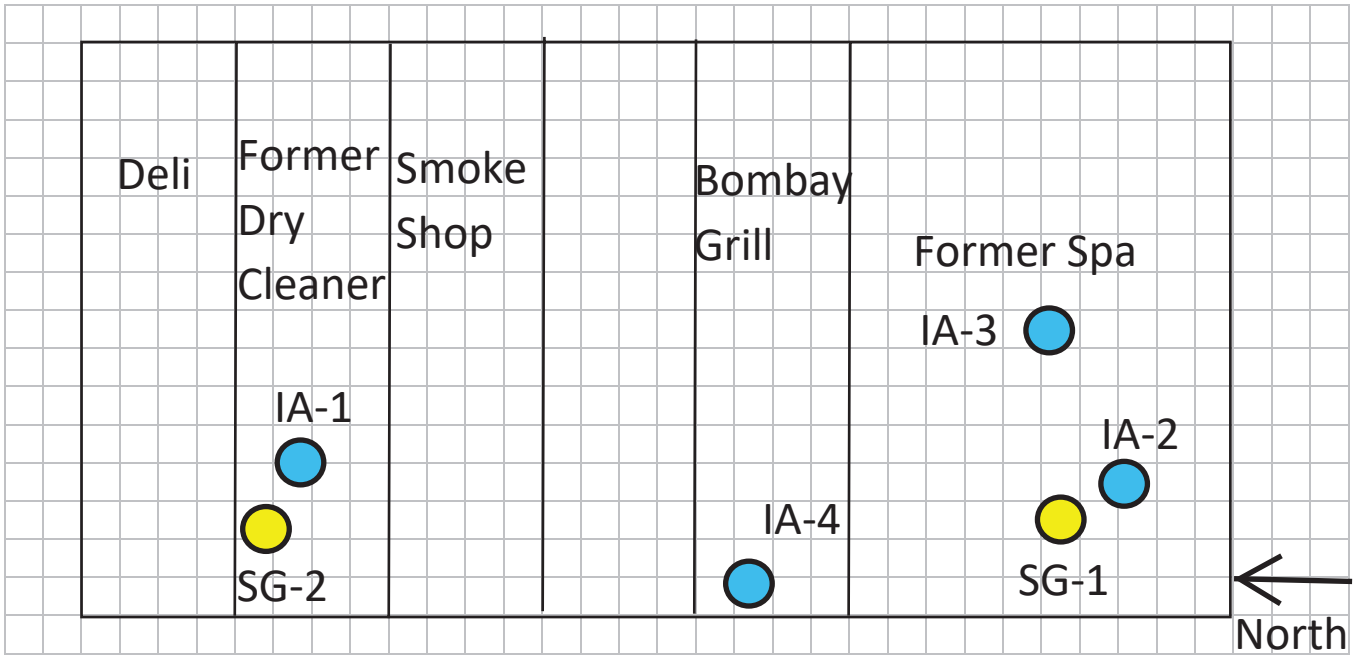
c. Responsibility for costs associated with reimbursement explained? Y / N

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:

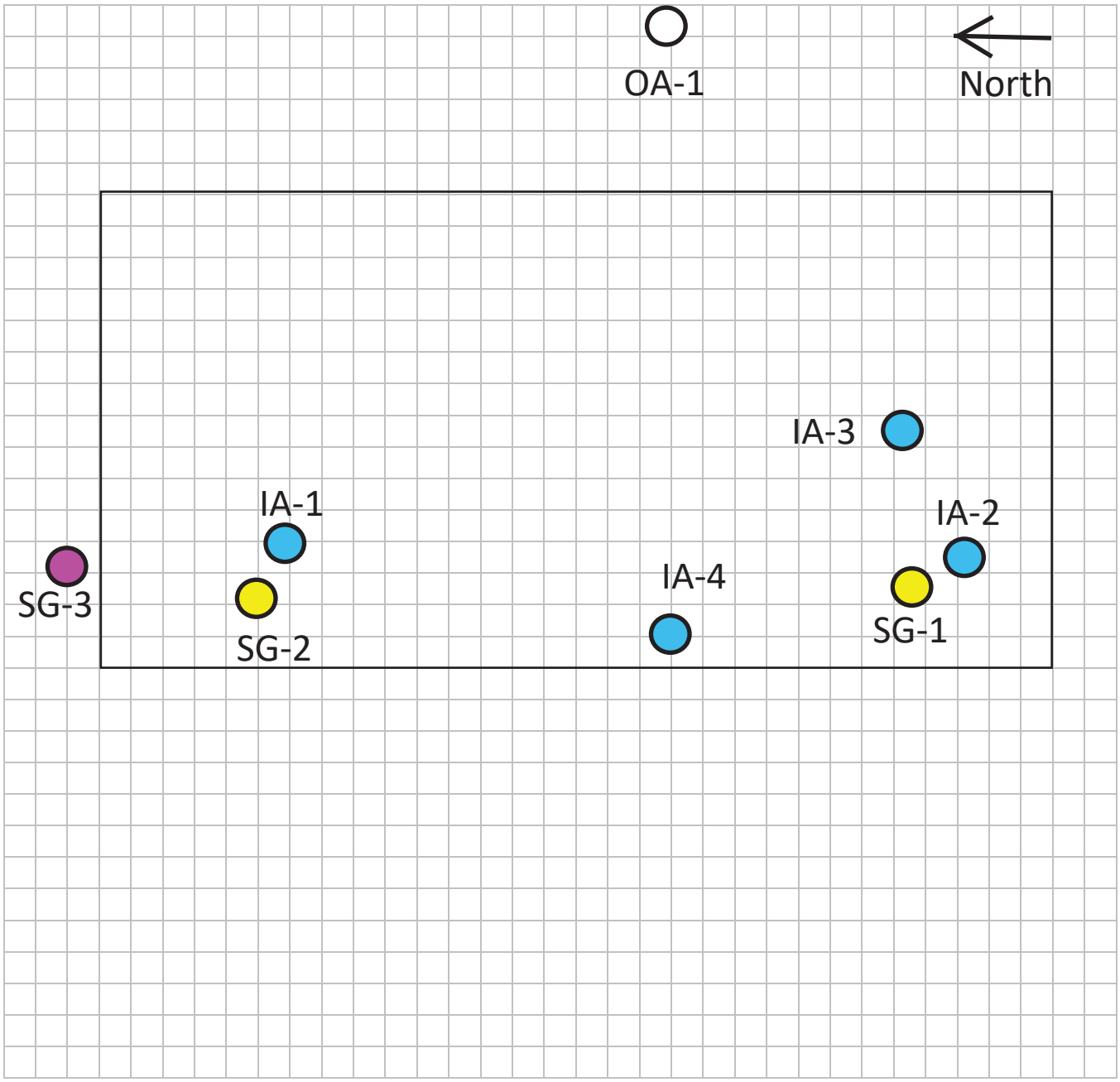


First Floor:

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: No inventory taken

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

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 Harry Sudwischer Date/Time Prepared 2/21/2023 ____

Preparer's Affiliation ECMS/Environmental consultant Phone No. (203) 241-1030

Purpose of Investigation_____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: Milich First Name: Scott

Address: 3 Belaire Terrace, New City, NY 10956

County: Rockland

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) Restaurant

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

Other characteristics:

Number of floors_____ 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

Door to parking area was opened intermittently during sampling period; door was kept open for 30-45 minutes while septic system was being pumped out, so those fumes may have incluenced the samples.

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: 8 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

There were appliances and storage containers in the kitchen storage space, so no soil vapor entry points could be discerned.

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: Electric

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Storage/kitchen space
1st Floor	Restaurant
2nd Floor	_____
3rd Floor	_____
4th Floor	_____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / N

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

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

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

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

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

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

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

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

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

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? Roof

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y N Date of Installation: December 16, 2013
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

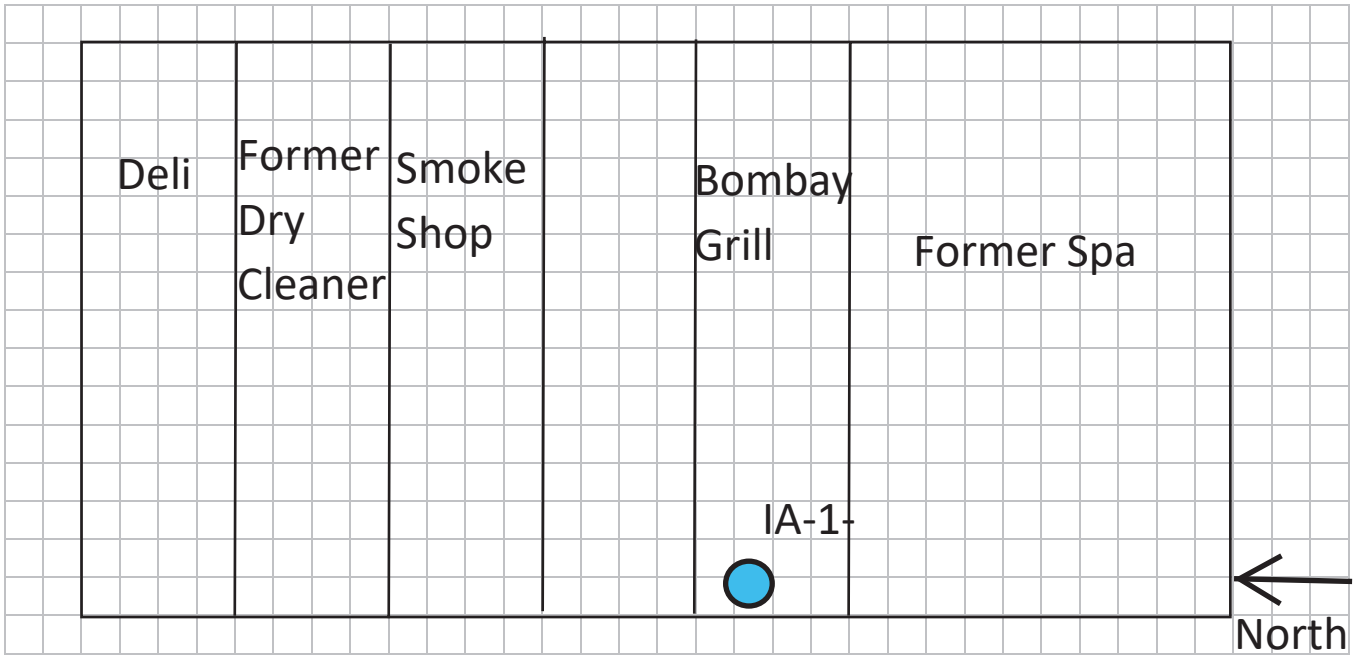
c. Responsibility for costs associated with reimbursement explained? Y / N

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:

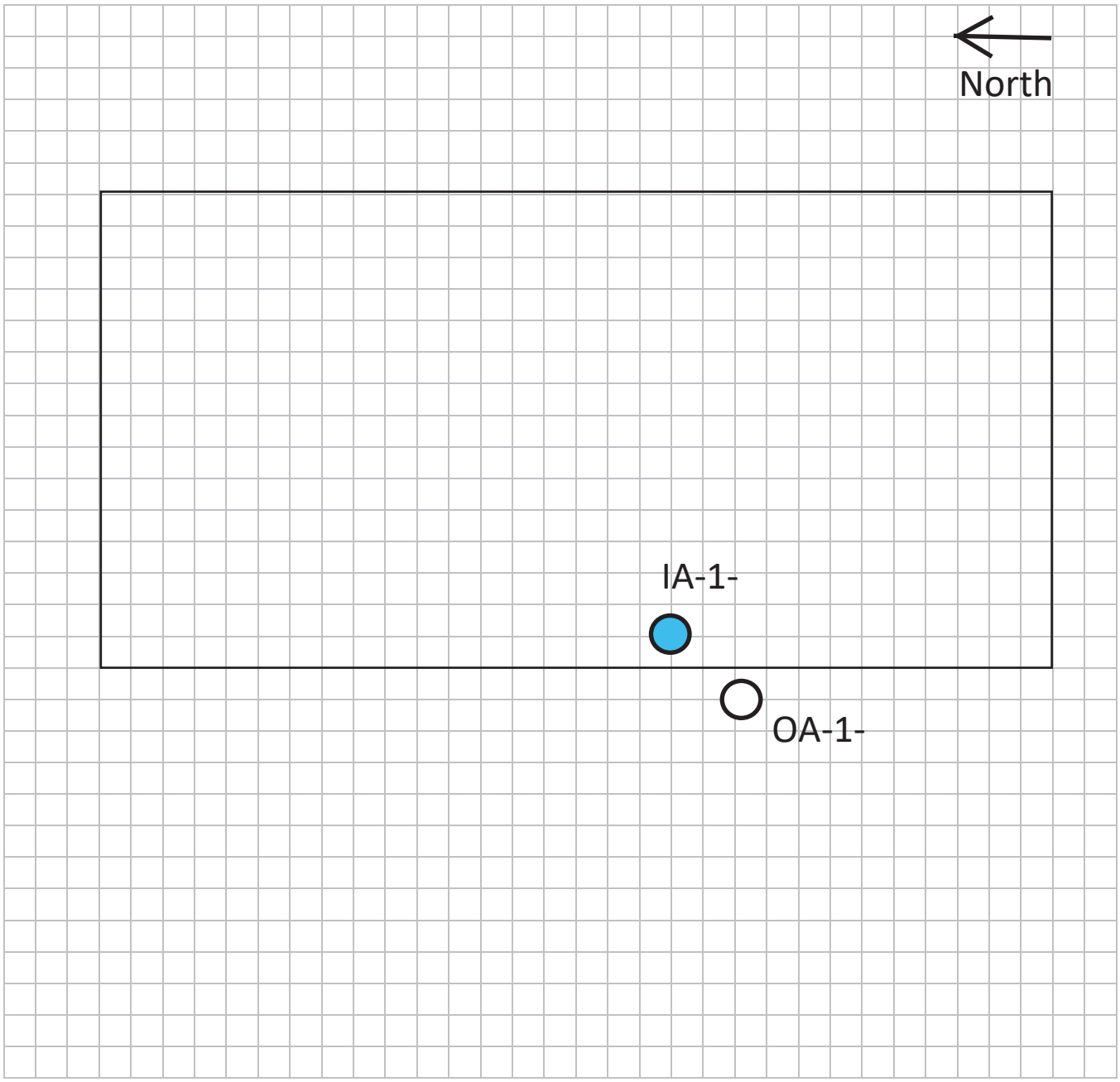


First Floor:

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: Mini-Rae 3000

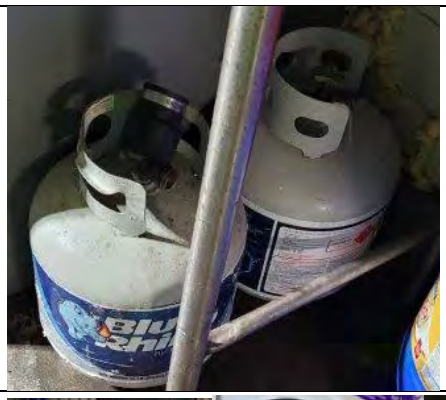
List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Tide laundry detergent	31 floz	UO		No readings	Y
	Bissell laundry detergent	128 floz	UO		above 0.0	Y
	Bleach	1 gal	U		detected	Y
	propane tanks	15 lbs	UO			Y
	insect killer sprays	17.5 oz	U			Y
	expanding foam can	12 oz	U			Y
	multisurface cleaners	13.8 oz	U			Y
	Lysol toilet cleaner	1 qt	U			Y
	Lysol disinfectant	32 floz	U			Y
	hand soap	1 gal	U			Y
	Auto-Chlor dishwashing liquid	1 gal	UO			Y
	evaporator coil cleaner	1 gal	U			Y
	window cleaner	1 gal	UO			Y
	ammonia	1 gal	UO			Y
	water-based stainless steel polish	32 floz	U			Y
	Skyline dishwashing fluid	5 gal	U			Y
	stainless steel & granite cleaner	32 floz	U			Y
	all-purpose primer	1 qt	U			Y
	oil-based stainless steel polish	15 oz		***Contains chemicals associated with methylene chloride		Y

* 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.

Tide and Bissell laundry detergents	  
Bleach	 

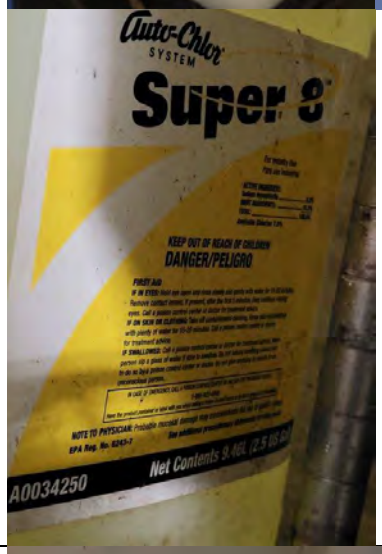
265 S Little Tor Rd, New City, NY
NYSDOH Indoor Air Questionnaire

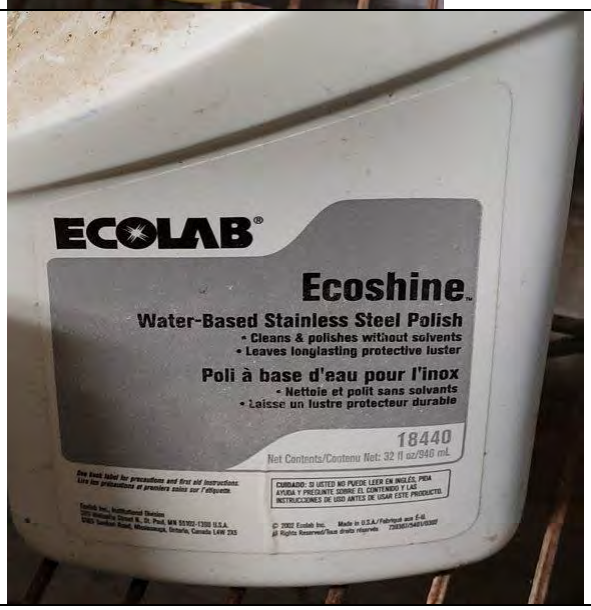
Propane tanks	
Insect killer sprays	 

265 S Little Tor Rd, New City, NY
NYSDOH Indoor Air Questionnaire

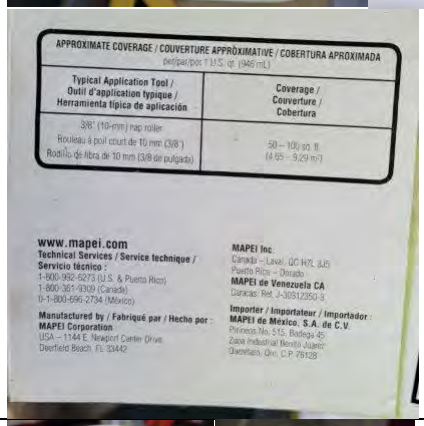
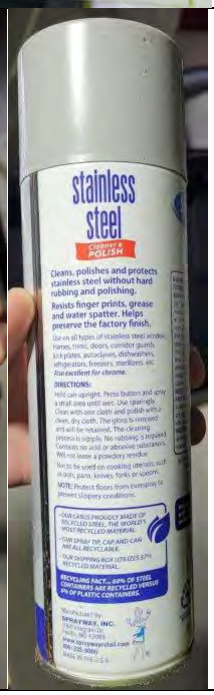
Expanding foam can	 
Multisurface cleaner	
Lysol toilet cleaner	

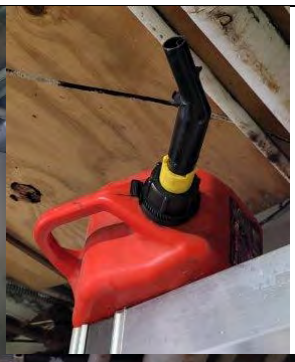
Lysol disinfectant		
Hand soap		

Auto-Chlor dishwashing liquid	  
Evaporator coil cleaner	

Window cleaner		
Ammonia		
Water-based stainless steel polish		

Skyline dishwashing fluid	  
Stainless steel & granite cleaner	

All-purpose primer	  
Oil-based stainless steel polish Contains chemicals associated with methylene chloride	 

Seed spreader and gasoline containers	  

APPENDIX B
Temporary Well Logs

Environmental Consulting & Management Services, Inc.
New City, NY

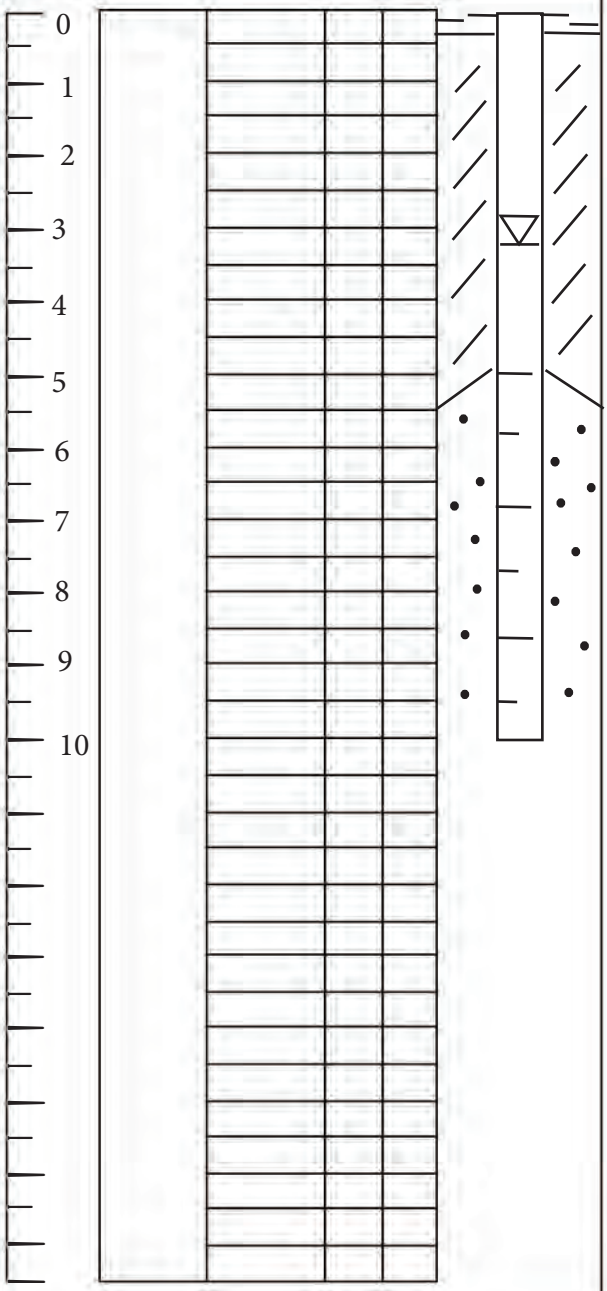
Well Log

BORING NAME
MW-UG

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/22
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion



Notes: ppm=parts per million, nd=not detected

Field Description of Soil

Soil not characterized.
PID head space reading after install was 0.7 ppm.

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 10.1 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 5 ft
Interval: 0-5 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 5-10.1 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -10.1 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 0.5 gals
Date: 6/13/22

C:\HYDRO8\PRESSLY\ACAD_DWG\BLANK.DWG

LEGEND

- Bentonite
- Sand
- Not filled
- Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

Environmental Consulting & Management Services, Inc.
New City, NY

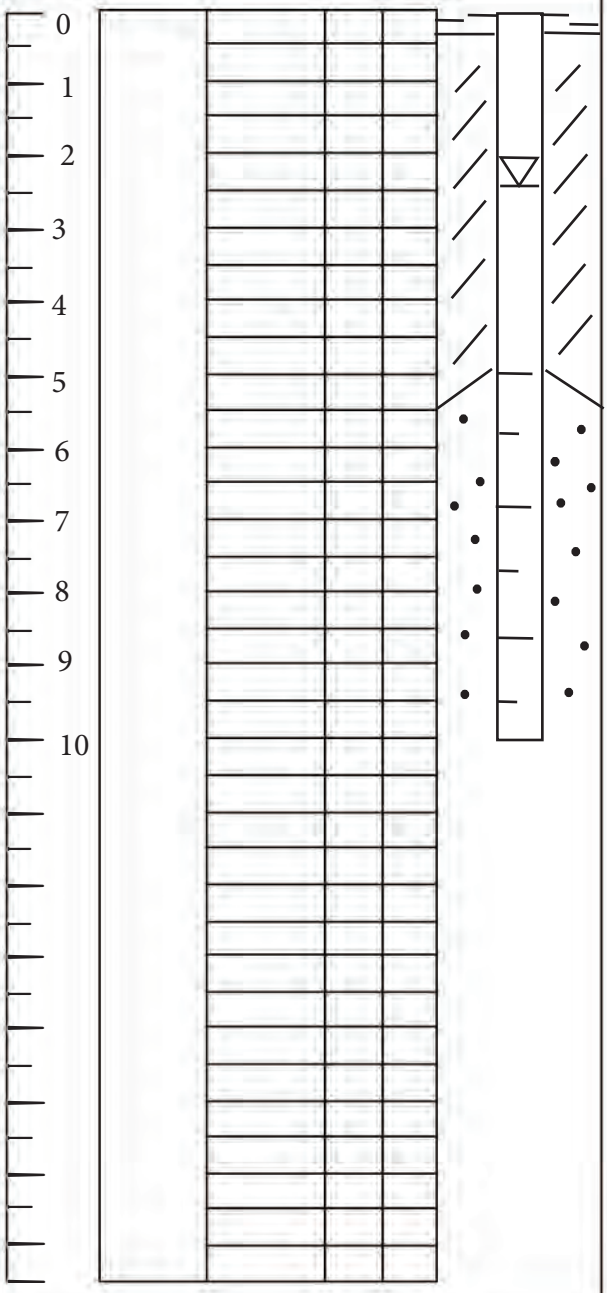
Well Log

BORING NAME
MW-2A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–10					Soil not characterized. PID head space reading after install was 0.4 ppm.



Notes: ppm=parts per million, nd=not detected

C:\HYDRO8\PRESSLY\ACAD_DWG\BLANK.DWG

Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

LEGEND

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 9.9 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 5 ft
Interval: 0-5 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 5-9.9 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch - 9.9 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 0.5 gals
Date: 6/15/22

Environmental Consulting & Management Services, Inc.
New City, NY

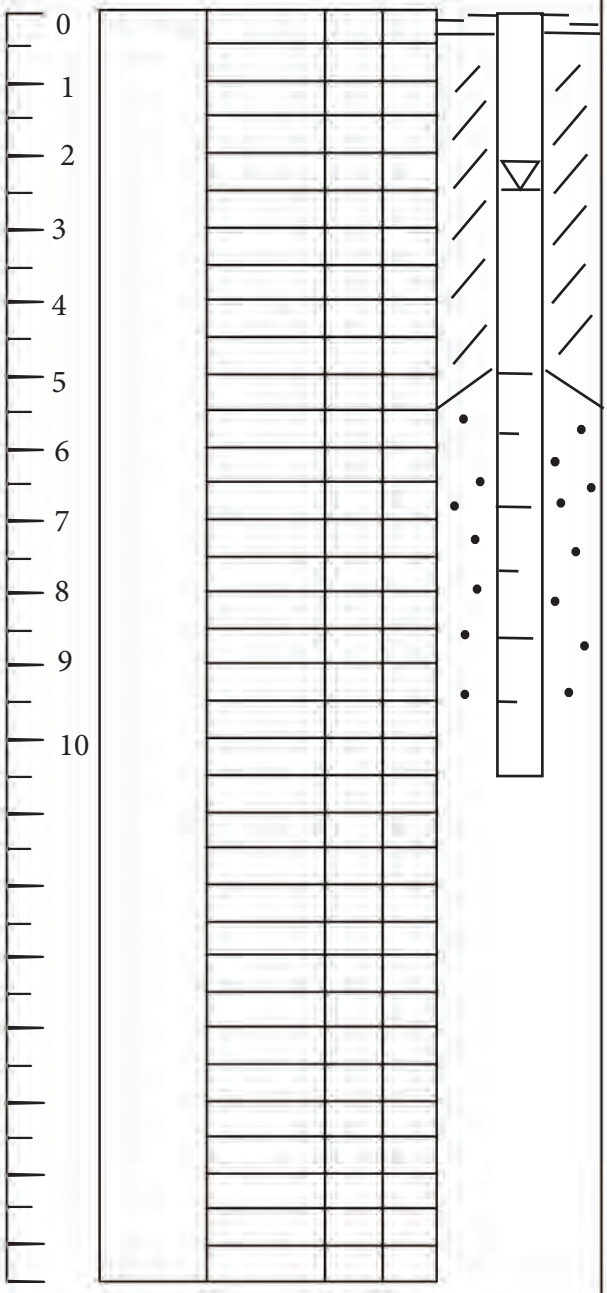
Well Log

BORING NAME
MW-4A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–10					Soil not characterized. PID head space reading after install was 0.5 ppm.



Notes: ppm=parts per million, nd=not detected

C:\HYDRO8\PRESSLY\ACAD_DWG\BLANK.DWG

Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

LEGEND

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 10.5 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 5 ft
Interval: 0-5 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 5-10.5 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -10.5 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 0.5 gals
Date: 6/13/22

Environmental Consulting & Management Services, Inc.
New City, NY

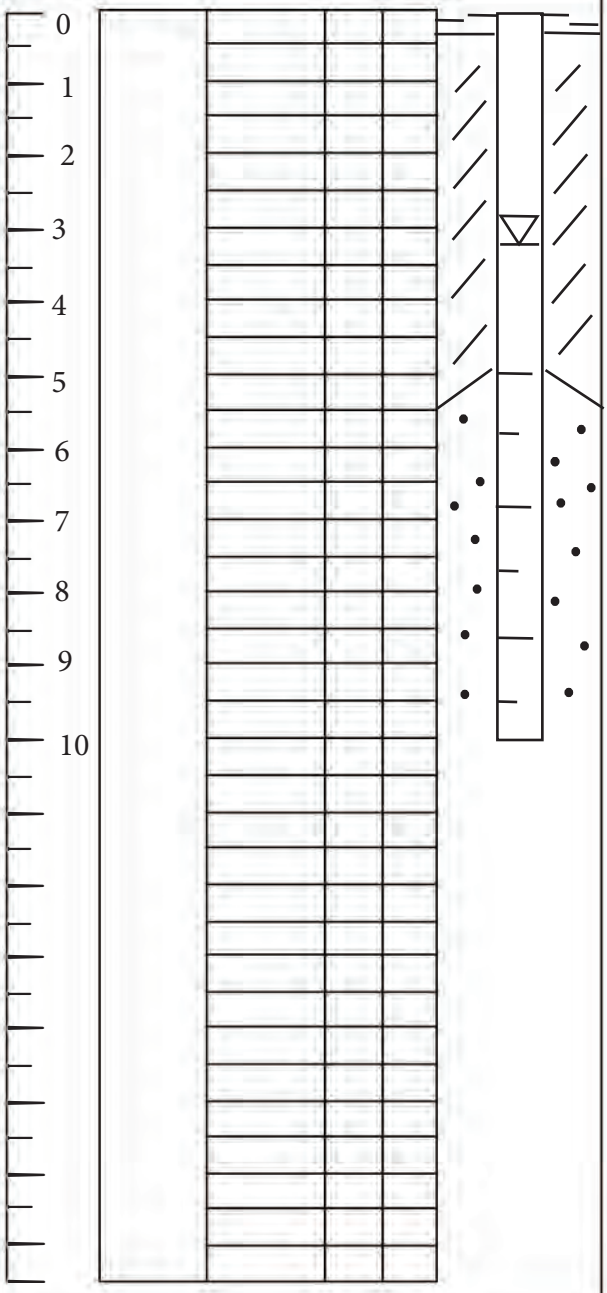
Well Log

BORING NAME
MW-5A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–10					Soil not characterized. PID head space reading after install was 1.0 ppm.



Notes: ppm=parts per million, nd=not detected

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Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

LEGEND

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 10.2 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 5 ft
Interval: 0-5 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 5-10.2 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -10.2 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 0.5 gals
Date: 6/15/22

Environmental Consulting & Management Services, Inc.
New City, NY

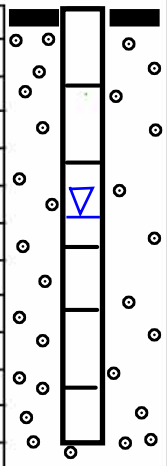
LOG

Reinstalled

BORING NAME MW-5A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Road
LOCATION: 265 S Little Tor Road, New City, NY 10956

DATE STARTED/COMPLETED: 2/21/23
LOGGED BY: H. Sudwischer
DRILLER: Costal
RIG: Geoprobe 6620 DT

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
1–6					Soil not characterized. Well reinstalled with handauger and shopvac to approx 6.1 ft bgs.

Notes: ppm=parts per million, nd=not detected

C:\HYDRO8\PRESSLY\ACAD_DWG\BLANK.DWG

LEGEND

Sand
Bentonite

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Hand Auger/ shop vac
Hole Dia.: 2-inch
Depth:

WELL DATA

Riser Type: none
Riser Dia.:
Riser Length:
Interval:

Screen Type: Sch. 40 PVC
Screen Dia.: 1-inch
Screen Length: 6-feet
Slot: 0.1 ft
Interval: 0'-6.1'

FILTER PACK

Source: US silica sand
Composition:
Volume Used: 25 lbs
Interval: 0.5' to 6.1'

GROUT / SEAL

Type: Bentonite
Volume Used: 6-inches
Interval: 0' - 0.5'

WELL HEAD COMPLETION

Manhole: ☐ YES ☒ NO
Size:
Concrete Pad: ☐ YES ☒ NO
Size:

WELL DEVELOPMENT

Performed: ☒ YES ☐ NO
Method: peristaltic pump
Amt. Purged: 5 gallons
Date: 2/21, 2/27, 3/5/23

Environmental Consulting & Management Services, Inc.
New City, NY

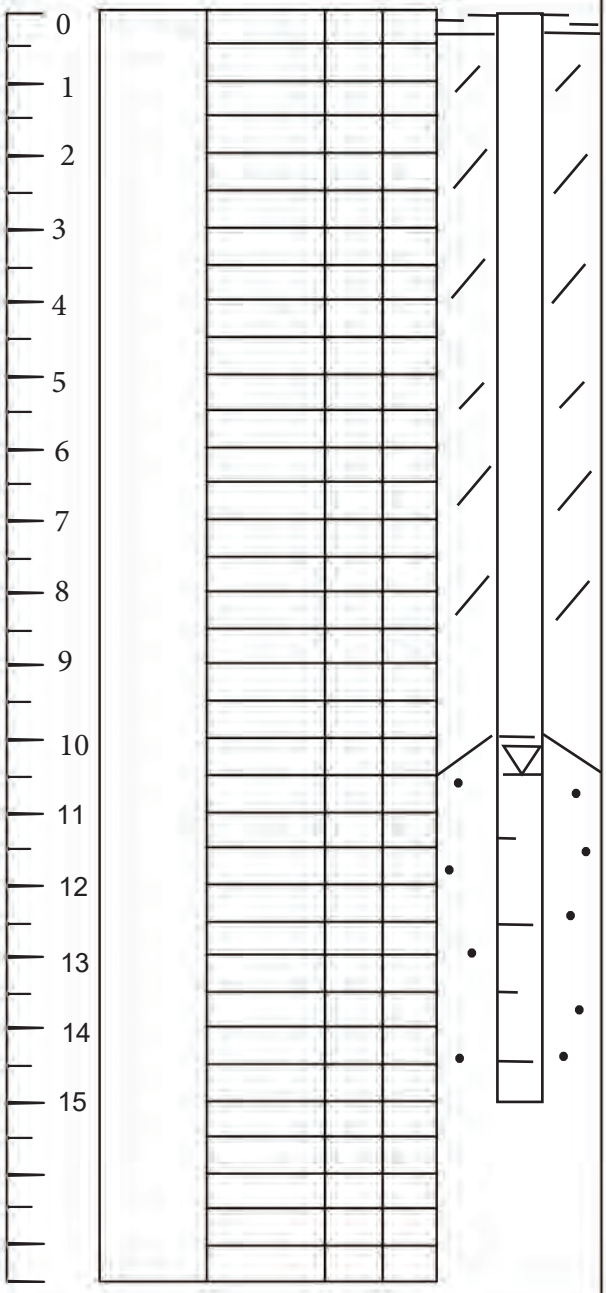
Well Log

BORING NAME
MW-6A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–15					Soil not characterized. PID head space reading after install was 0.2 ppm.



Notes: ppm=parts per million, nd=not detected

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LEGEND

Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 15 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 10 ft
Interval: 0-10 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 10-15 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -15 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 1.25 gals
Date: 6/15/22

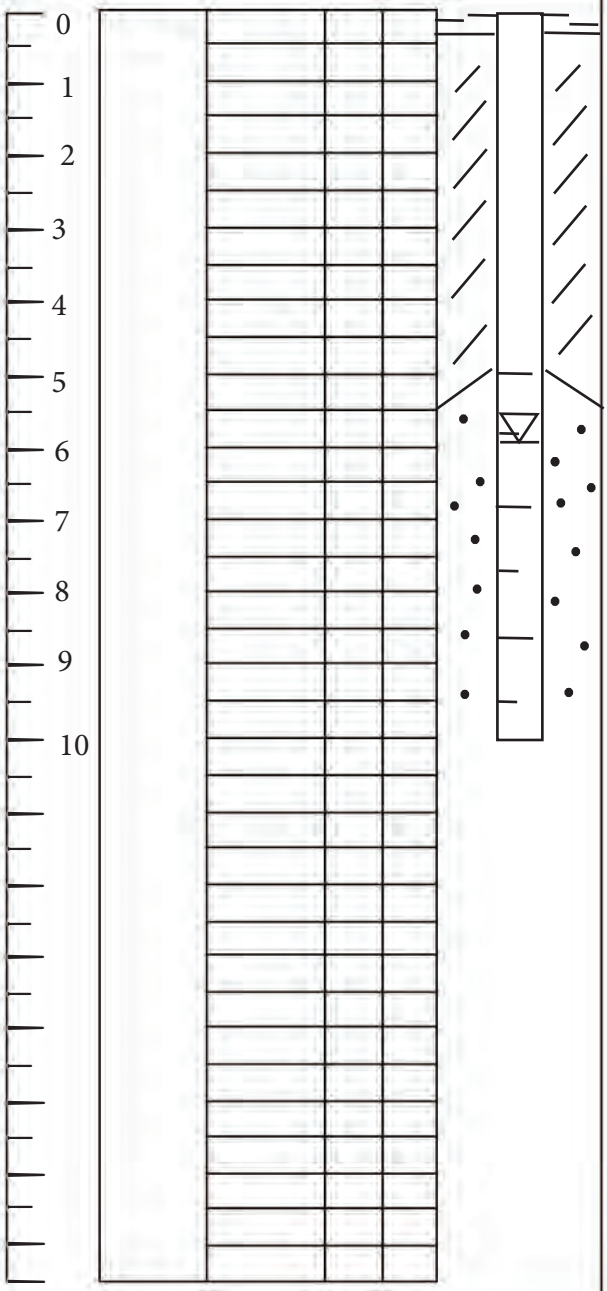
Environmental Consulting & Management Services, Inc.
New City, NY

Well Log

BORING NAME
MW-7A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–10					Soil not characterized. PID head space reading after install was 0.1 ppm.

Notes: ppm=parts per million, nd=not detected

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LEGEND

Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 10.1 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 5 ft
Interval: 0-5 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 5-10.1 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -10.1 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 0.5 gals
Date: 6/15/22

Environmental Consulting & Management Services, Inc.
New City, NY

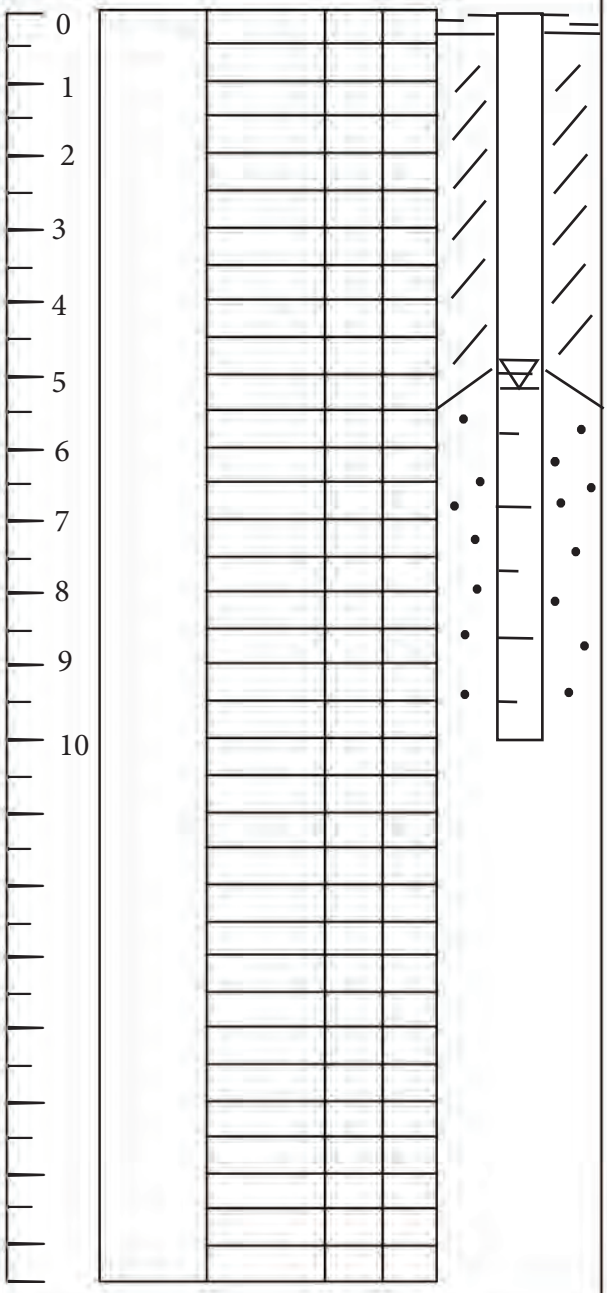
Well Log

BORING NAME
MW-8A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–10					Soil not characterized. PID head space reading after install was 0.0 ppm.



Notes: ppm=parts per million, nd=not detected

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LEGEND

Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 10 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 5 ft
Interval: 0-5 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 5-10 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -10 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 0.5 gals
Date: 6/13/22

Environmental Consulting & Management Services, Inc.
New City, NY

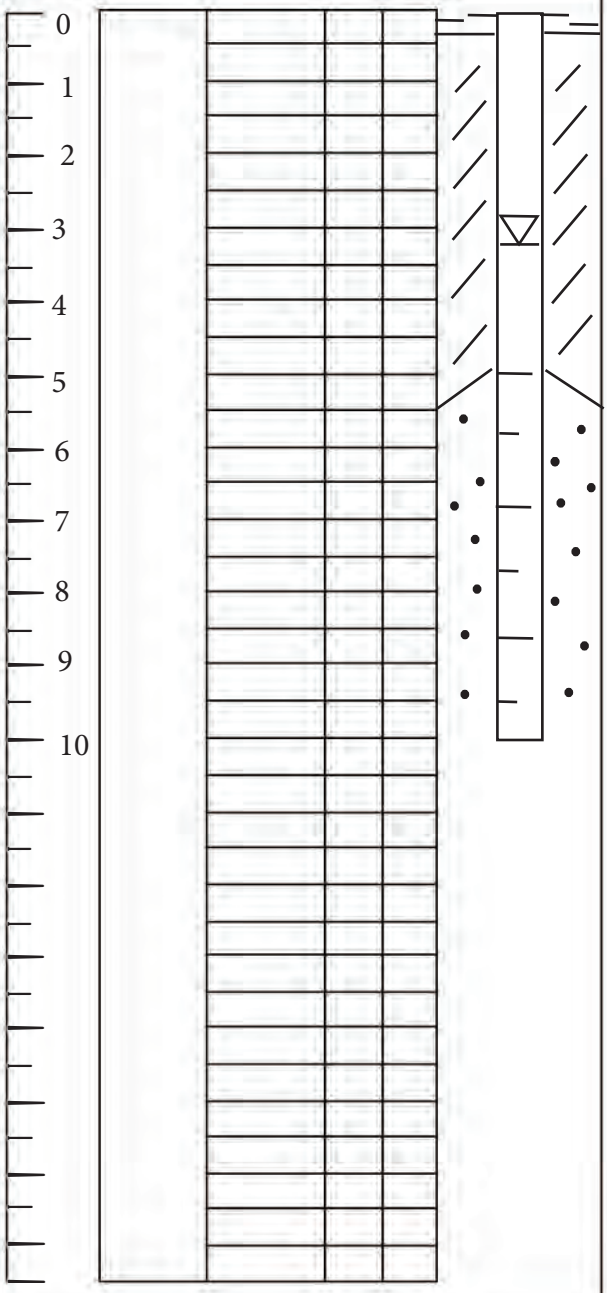
Well Log

BORING NAME
MW-12A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–10					Soil not characterized.



Notes: ppm=parts per million, nd=not detected

C:\HYDRO8\PRESSLY\ACAD_DWG\BLANK.DWG

LEGEND

Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 10.2 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 5 ft
Interval: 0-5 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 5-10.2 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -10.2 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 0.5 gals
Date: 6/15/22

Environmental Consulting & Management Services, Inc.
New City, NY

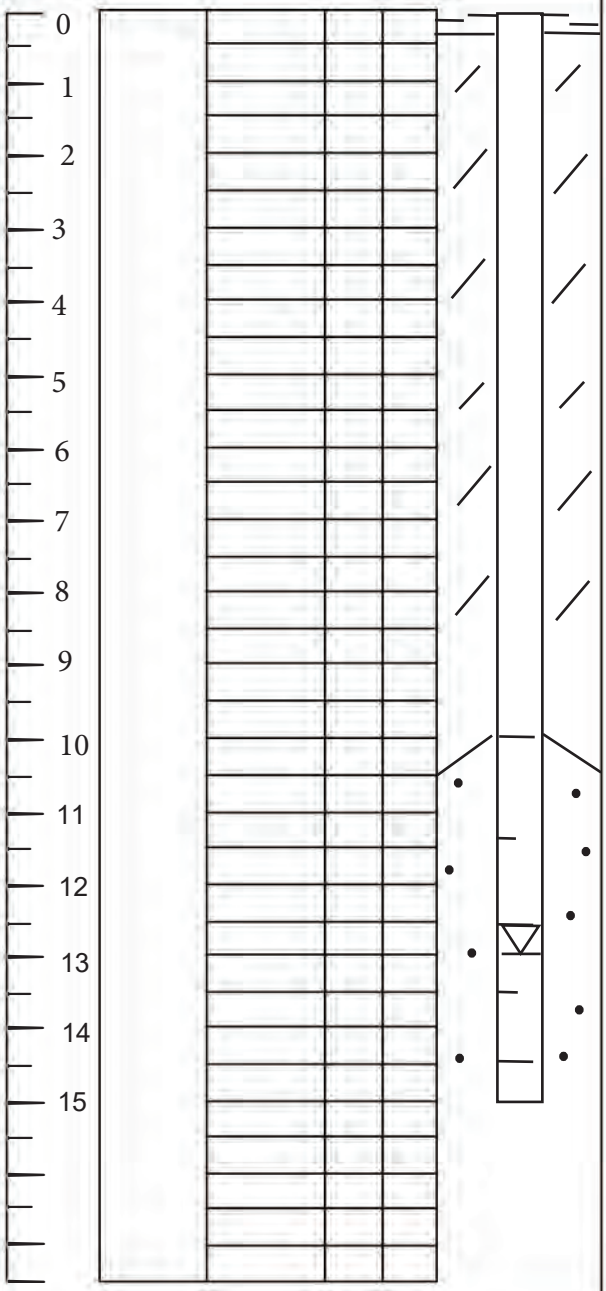
Well Log

BORING NAME
MW-13A

CLIENT: Tor Valley, Inc.
PROJECT: 265 S Little Tor Rd
LOCATION: 265 S Little Tor Rd, New City, NY

DATE STARTED/COMPLETED: 6/10 - 6/15/2022
LOGGED BY: H. Sudwischer
DRILLER: Coastal
RIG: Geoprobe 6610

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0–15					Soil not characterized.



Notes: ppm=parts per million, nd=not detected

C:\HYDRO8\PRESSLY\ACAD_DWG\BLANK.DWG

LEGEND

Bentonite
Sand
Not filled
Groundwater level

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: Direct Push
Hole Dia.: 2-inch
Depth: 15 ft

WELL DATA

Riser Type: SC 40 PVC
Riser Dia.: 1 inch
Riser Length: 10 ft
Interval: 0-10 ft

Screen Type: SC 40 PVC
Screen Dia.: 1 inch
Screen Length: 5 ft
Slot: 0.1 slotted screen
Interval: 10-15 ft

FILTER PACK

Source: silica filter sand
Composition:
Volume Used: 25 lbs
Interval: 6 inch -15 ft

GROUT / SEAL

Type: Bentonite
Volume Used: 1 L
Interval: 0-6 inch

WELL HEAD COMPLETION

Manhole: ☐ YES ☑ NO
Size: temporary well
Concrete Pad: ☐ YES ☑ NO
Size: --

WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method: low-flow
Amt. Purged: 1.25 gals
Date: 6/15/22

APPENDIX C
Well Decommissioning Logs

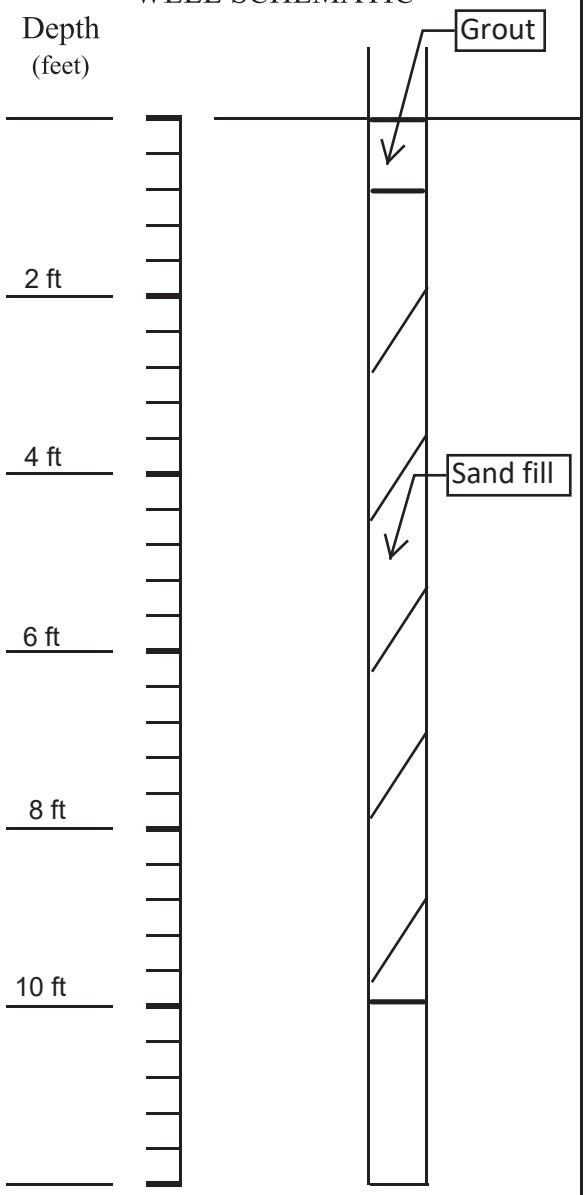
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-4
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: June 10, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	0-5 ft
Drilling Method(s)	
Borehole Dia. (in.)	6 inches
Temporary Casing Installed? (y/n)	No
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	2" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

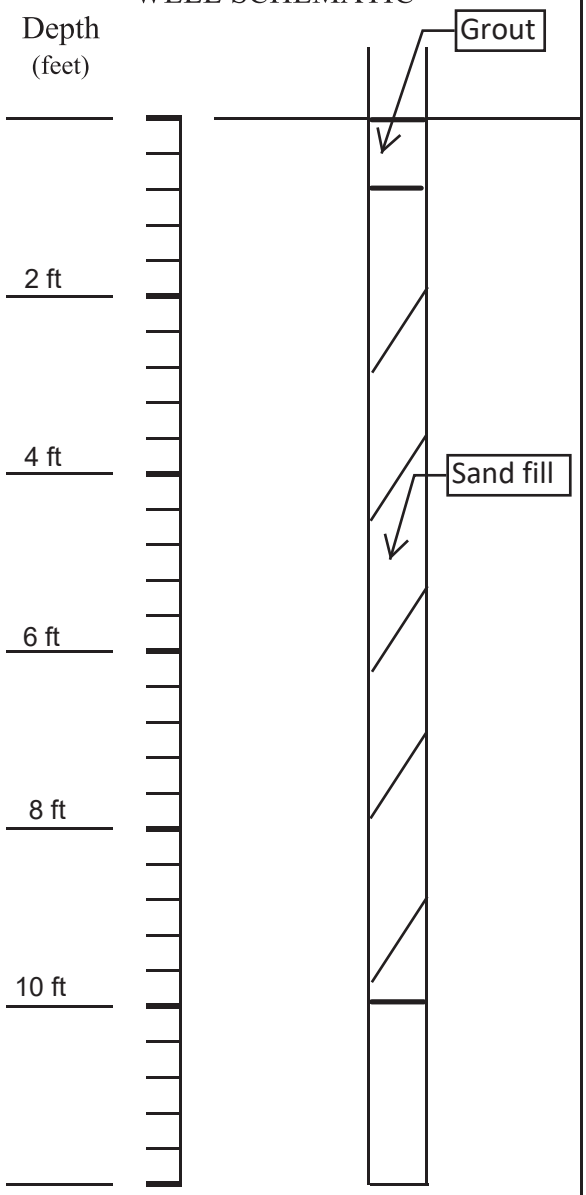
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-5
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: June 10, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	0-5 ft
Drilling Method(s)	
Borehole Dia. (in.)	6 inches
Temporary Casing Installed? (y/n)	No
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	2" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

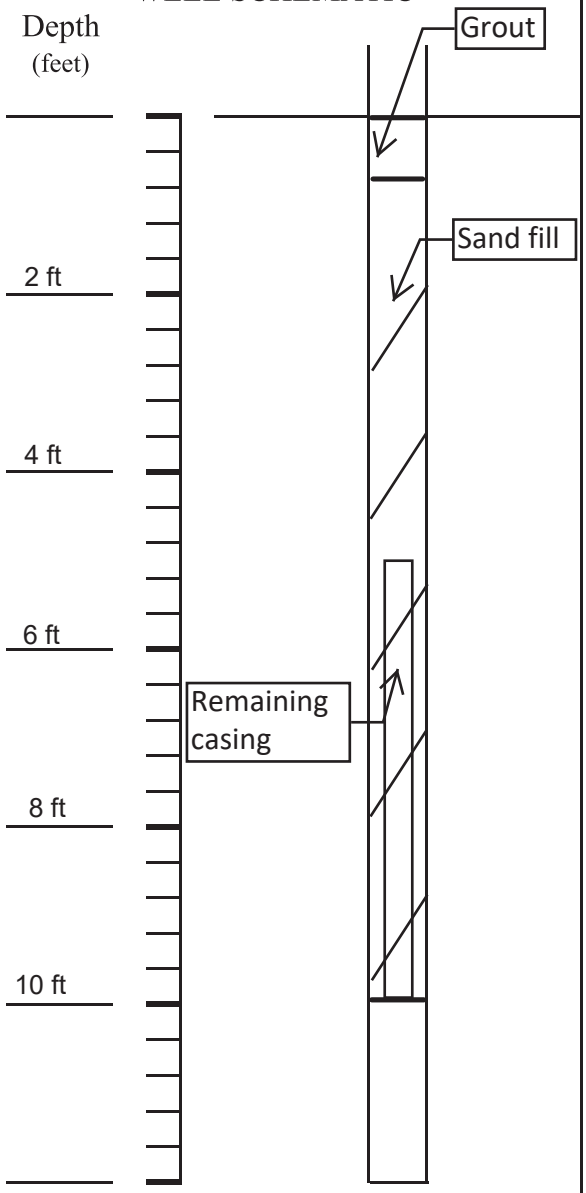
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-8
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: June 10, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Unthread
Casing retrieved (feet)	5 ft
Casing type/dia. (in)	2" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

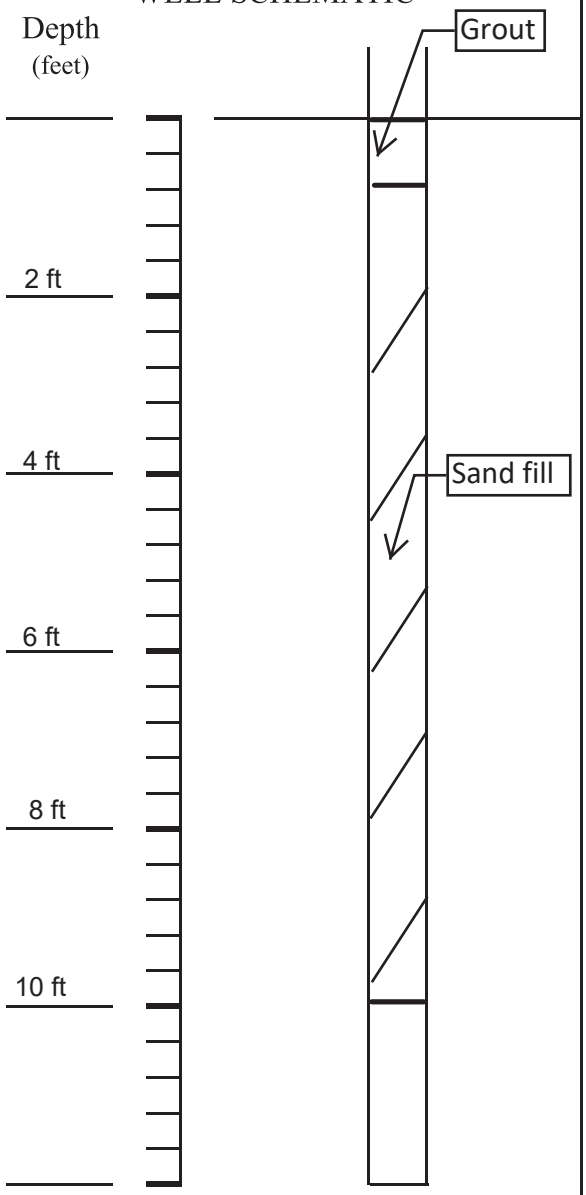
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-UG
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

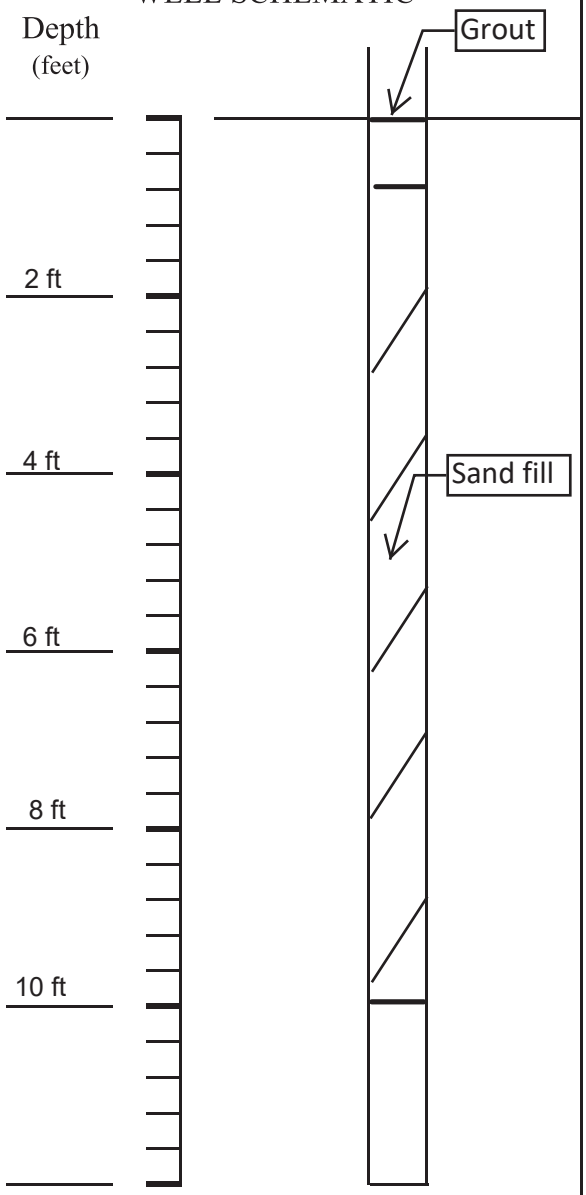
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-2A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

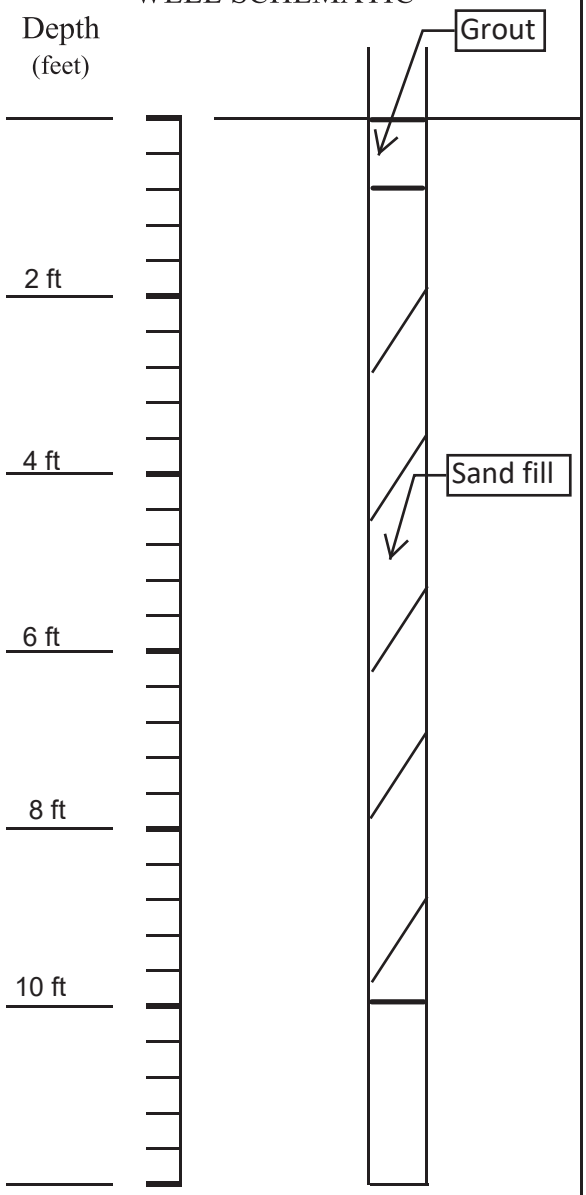
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-4A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

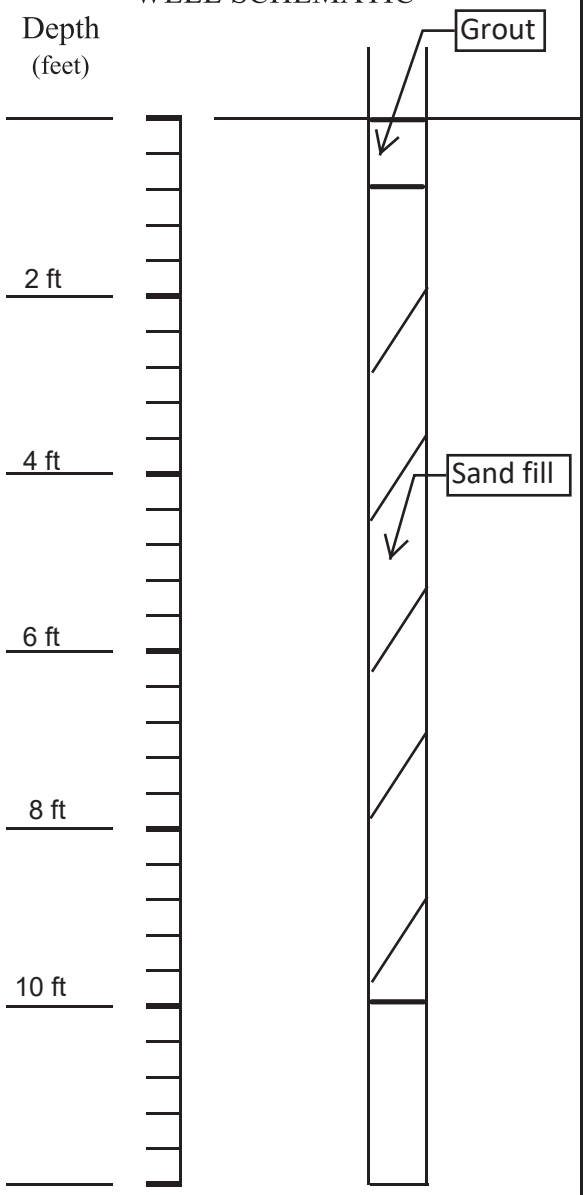
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-5A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

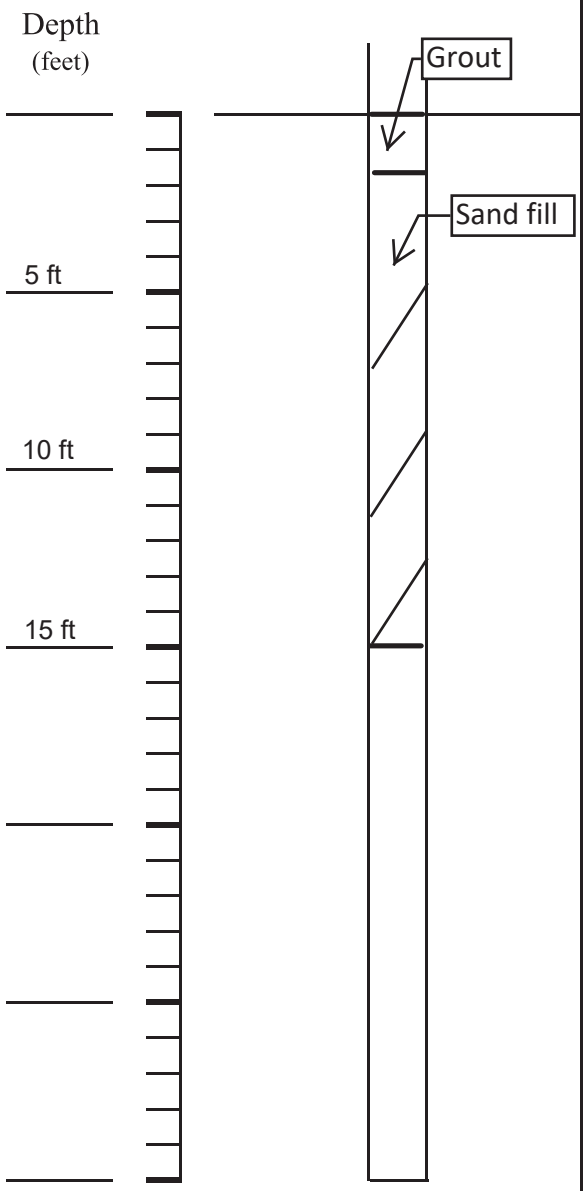
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-6A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

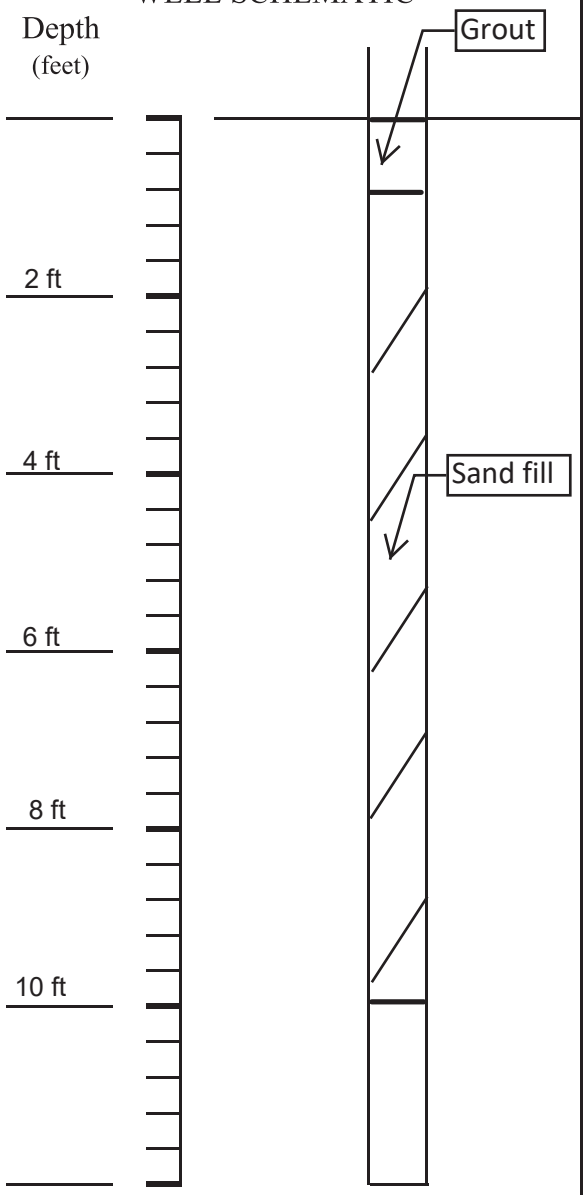
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-7A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

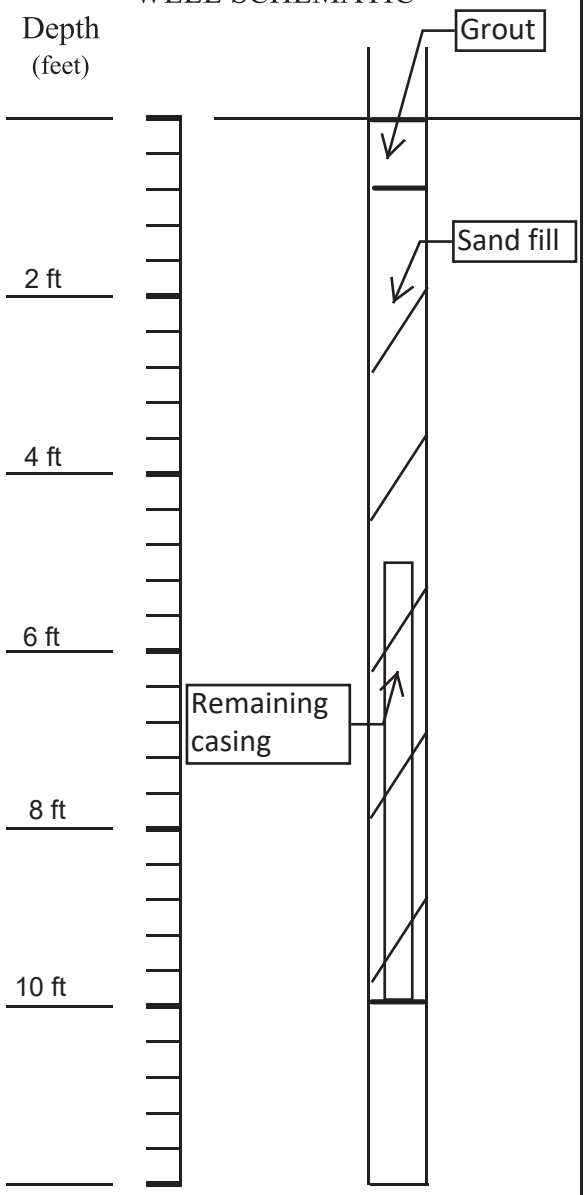
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-8A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Unthread
Casing retrieved (feet)	5 ft
Casing type/dia. (in)	2" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

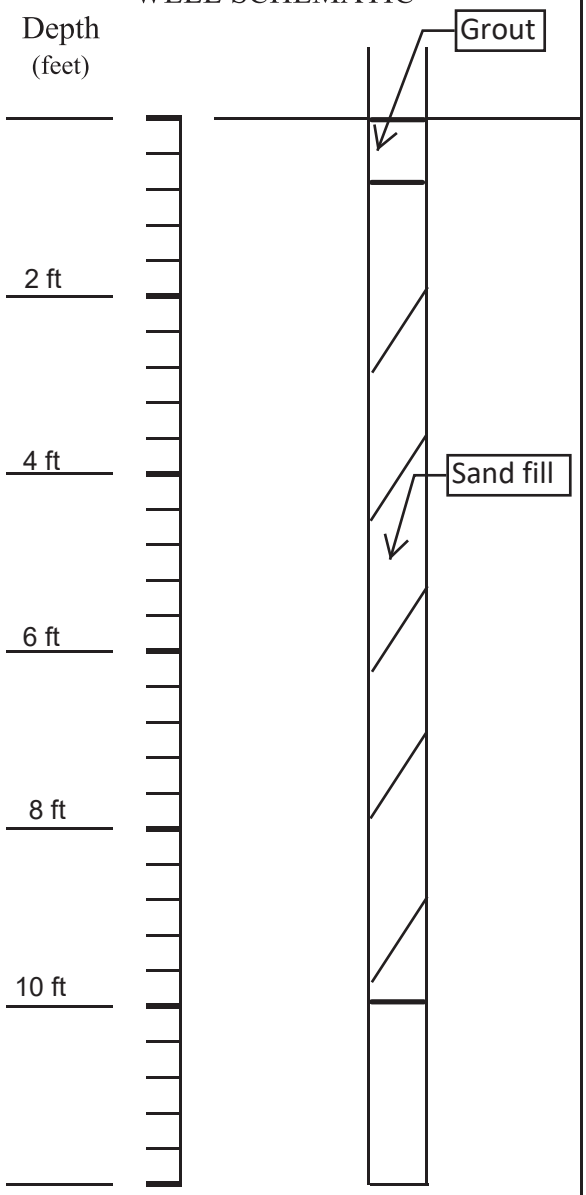
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-12A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

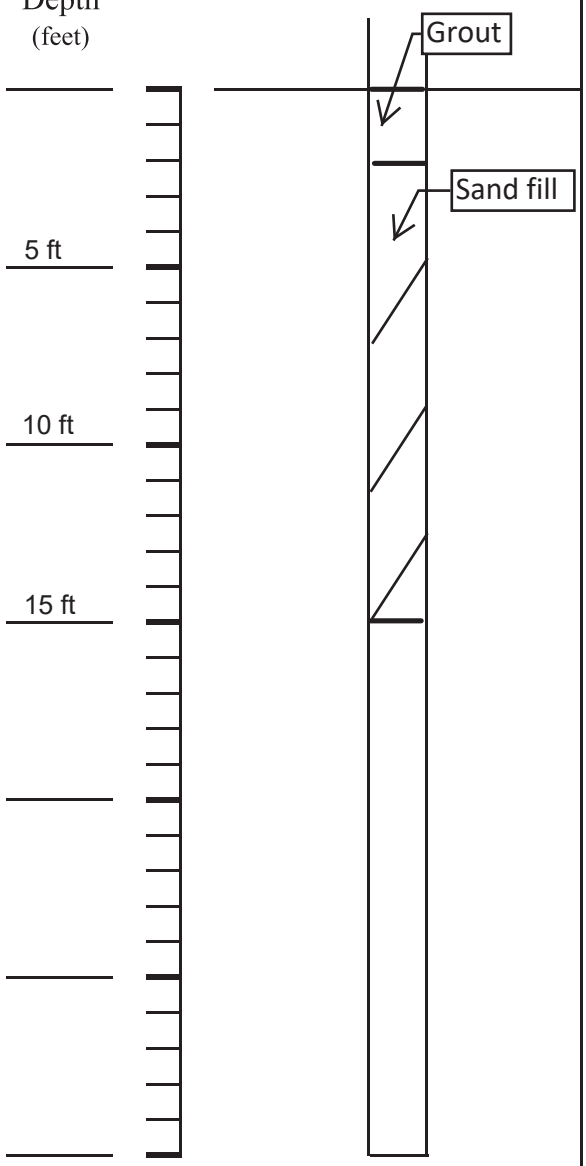
WELL DECOMMISSIONING RECORD

Site Name: 265 S Little Tor Road	Well I.D.: MW-13A
Site Location: 265 South Little Tor Rd, New City, NY	Driller: ECMS, Inc.
Drilling Co.: ECMS, Inc.	Inspector:
	Date: August 3, 2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Pulled
Casing retrieved (feet)	Entire casing
Casing type/dia. (in)	1" PVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-6 inches
# of batches prepared	Approx. 1
For each batch record:	bag per well
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Harry Sudwischer

Drilling Contractor

Department Representative

APPENDIX D
Phoenix Environmental Laboratory Analytical Reports

PHOENIX
Environmental Laboratories, Inc.

Monday, May 09, 2022

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: 22.066 LITTLE TOR
SDG ID: GCK98458
Sample ID#s: CK98458 - CK98465

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: ECMS, Inc

Project: 22.066 LITTLE TOR

Laboratory Project: GCK98458

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

May 09, 2022

SDG I.D.: GCK98458

ECMS, Inc 22.066 LITTLE TOR

Methodology Summary

Volatiles in Air

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

May 09, 2022

SDG I.D.: GCK98458

ECMS, Inc 22.066 LITTLE TOR

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CK98458	Volatiles (TO15)	03/30/22	04/01/22	04/01/22	KCA	Y
CK98459	Volatiles (TO15)	03/30/22	04/01/22	04/01/22	KCA	Y
CK98460	Volatiles (TO15)	03/30/22	04/01/22	04/01/22	KCA	Y
CK98461	Volatiles (TO15)	03/30/22	04/01/22	04/01/22	KCA	Y
CK98462	Helium (% volume/volume)	03/30/22	04/04/22	04/04/22	KCA	Y
CK98462	Volatiles (TO15)	03/30/22	04/01/22	04/01/22	KCA	Y
CK98463	Helium (% volume/volume)	03/30/22	04/04/22	04/04/22	KCA	Y
CK98463	Volatiles (TO15)	03/30/22	04/01/22	04/01/22	KCA	Y
CK98464	Helium (% volume/volume)	03/30/22	04/04/22	04/04/22	KCA	Y
CK98464	Volatiles (TO15)	03/30/22	04/04/22	04/04/22	KCA	Y
CK98465	Volatiles (TO15)	03/30/22	04/01/22	04/01/22	KCA	Y

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

NY # 11301

SDG Comments

May 09, 2022

SDG I.D.: GCK98458

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

May 09, 2022

SDG I.D.: GCK98458

Project ID: 22.066 LITTLE TOR

Client Id	Lab Id	Matrix
IA-1	CK98458	AIR
IA-2	CK98459	AIR
IA-3	CK98460	AIR
IA-4	CK98461	AIR
SG-1	CK98462	AIR
SG-2	CK98463	AIR
SG-3	CK98464	AIR
OA-1	CK98465	AIR

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	18:34
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28602				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98458

Project ID: 22.066 LITTLE TOR
Client ID: IA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Acetone	1.20	*0.421*	0.421	2.85	*1.00*	1.00	04/01/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: IA-1

Phoenix I.D.: CK98458

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Tetrachloride	0.056		*0.032*	0.032	0.35	*0.20*	0.20	04/01/22	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloromethane	0.512		*0.485*	0.485	1.06	*1.00*	1.00	04/01/22	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	04/01/22	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	04/01/22	KCA	1	
Dichlorodifluoromethane	0.262		*0.202*	0.202	1.29	*1.00*	1.00	04/01/22	KCA	1	
Ethanol	44.4	E	*0.531*	0.531	83.6	*1.00*	1.00	04/01/22	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	04/01/22	KCA	1	
Isopropylalcohol	0.493		*0.407*	0.407	1.21	*1.00*	1.00	04/01/22	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
m,p-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	04/01/22	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	04/01/22	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	04/01/22	KCA	1	
Tetrachloroethene	ND		*0.037*	0.037	ND	*0.25*	0.25	04/01/22	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	1
Toluene	0.298		*0.266*	0.266	1.12	*1.00*	1.00	04/01/22	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	04/01/22	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	04/01/22	KCA	1	
Trichlorofluoromethane	0.189		*0.178*	0.178	1.06	*1.00*	1.00	04/01/22	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	04/01/22	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	04/01/22	KCA	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	04/01/22	KCA	1	
% IS-1,4-Difluorobenzene	99		*%*	%	99	*%*	%	04/01/22	KCA	1	
% IS-Bromochloromethane	102		*%*	%	102	*%*	%	04/01/22	KCA	1	
% IS-Chlorobenzene-d5	100		*%*	%	100	*%*	%	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: IA-1

Phoenix I.D.: CK98458

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

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

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

Phyllis Shiller, Laboratory Director

May 09, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	18:22
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	220				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98459

Project ID: 22.066 LITTLE TOR
Client ID: IA-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Acetone	1.21	*0.421*	0.421	2.87	*1.00*	1.00	04/01/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: IA-2

Phoenix I.D.: CK98459

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Tetrachloride	0.048	*0.032*	0.032	0.30	*0.20*	0.20	04/01/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	04/01/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/01/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/01/22	KCA	1	
Dichlorodifluoromethane	ND	*0.202*	0.202	ND	*1.00*	1.00	04/01/22	KCA	1	
Ethanol	2.49	*0.531*	0.531	4.69	*1.00*	1.00	04/01/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	04/01/22	KCA	1	
Isopropylalcohol	ND	*0.407*	0.407	ND	*1.00*	1.00	04/01/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	04/01/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	04/01/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/01/22	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	04/01/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	1
Toluene	ND	*0.266*	0.266	ND	*1.00*	1.00	04/01/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/01/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	04/01/22	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/01/22	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/01/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	98	*%*	%	98	*%*	%	04/01/22	KCA	1	
% IS-1,4-Difluorobenzene	98	*%*	%	98	*%*	%	04/01/22	KCA	1	
% IS-Bromochloromethane	101	*%*	%	101	*%*	%	04/01/22	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	%	99	*%*	%	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: IA-2

Phoenix I.D.: CK98459

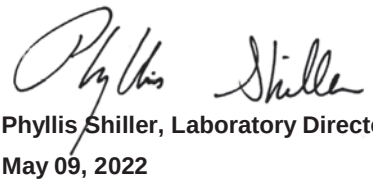
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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

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

Comments:

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



Phyllis Shiller, Laboratory Director

May 09, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	18:20
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	252				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98460

Project ID: 22.066 LITTLE TOR
Client ID: IA-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Acetone	1.23	*0.421*	0.421	2.92	*1.00*	1.00	04/01/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: IA-3

Phoenix I.D.: CK98460

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Tetrachloride	0.055	*0.032*	0.032	0.35	*0.20*	0.20	04/01/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloromethane	0.500	*0.485*	0.485	1.03	*1.00*	1.00	04/01/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/01/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/01/22	KCA	1	
Dichlorodifluoromethane	0.242	*0.202*	0.202	1.20	*1.00*	1.00	04/01/22	KCA	1	
Ethanol	3.66	*0.531*	0.531	6.89	*1.00*	1.00	04/01/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	04/01/22	KCA	1	
Isopropylalcohol	ND	*0.407*	0.407	ND	*1.00*	1.00	04/01/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	04/01/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	04/01/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/01/22	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	04/01/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	1
Toluene	ND	*0.266*	0.266	ND	*1.00*	1.00	04/01/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/01/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	04/01/22	KCA	1	
Trichlorofluoromethane	0.190	*0.178*	0.178	1.07	*1.00*	1.00	04/01/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/01/22	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/01/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	%	%	100	%	%	04/01/22	KCA	1	
% IS-1,4-Difluorobenzene	98	%	%	98	%	%	04/01/22	KCA	1	
% IS-Bromochloromethane	102	%	%	102	%	%	04/01/22	KCA	1	
% IS-Chlorobenzene-d5	97	%	%	97	%	%	04/01/22	KCA	1	

Ver 2

Project ID: 22.066 LITTLE TOR
Client ID: IA-3

Phoenix I.D.: CK98460

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

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

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

Comments:

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

Phyllis Shiller, Laboratory Director

May 09, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	18:28
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	11289				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98461

Project ID: 22.066 LITTLE TOR
Client ID: IA-4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Acetone	4.14	*0.421*	0.421	9.8	*1.00*	1.00	04/01/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: IA-4

Phoenix I.D.: CK98461

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Tetrachloride	0.059	*0.032*	0.032	0.37	*0.20*	0.20	04/01/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroform	0.439	*0.205*	0.205	2.14	*1.00*	1.00	04/01/22	KCA	1	
Chloromethane	0.558	*0.485*	0.485	1.15	*1.00*	1.00	04/01/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/01/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/01/22	KCA	1	
Dichlorodifluoromethane	0.453	*0.202*	0.202	2.24	*1.00*	1.00	04/01/22	KCA	1	
Ethanol	33.8	*0.531*	0.531	63.6	*1.00*	1.00	04/01/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexane	0.866	*0.284*	0.284	3.05	*1.00*	1.00	04/01/22	KCA	1	
Isopropylalcohol	0.521	*0.407*	0.407	1.28	*1.00*	1.00	04/01/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl Ethyl Ketone	0.694	*0.339*	0.339	2.05	*1.00*	1.00	04/01/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
Methylene Chloride	3.39	*0.863*	0.863	11.8	*3.00*	3.00	04/01/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	04/01/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/01/22	KCA	1	
Tetrachloroethene	ND	*0.037*	0.037	ND	*0.25*	0.25	04/01/22	KCA	1	
Tetrahydrofuran	0.439	*0.339*	0.339	1.29	*1.00*	1.00	04/01/22	KCA	1	1
Toluene	0.500	*0.266*	0.266	1.88	*1.00*	1.00	04/01/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/01/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	04/01/22	KCA	1	
Trichlorofluoromethane	0.251	*0.178*	0.178	1.41	*1.00*	1.00	04/01/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/01/22	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/01/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	04/01/22	KCA	1	
% IS-1,4-Difluorobenzene	94	*%*	%	94	*%*	%	04/01/22	KCA	1	
% IS-Bromochloromethane	97	*%*	%	97	*%*	%	04/01/22	KCA	1	
% IS-Chlorobenzene-d5	93	*%*	%	93	*%*	%	04/01/22	KCA	1	

Ver 2

Project ID: 22.066 LITTLE TOR
Client ID: IA-4

Phoenix I.D.: CK98461

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

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

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

Comments:

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

Phyllis Shiller, Laboratory Director

May 09, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	18:19
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	18111				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98462

Project ID: 22.066 LITTLE TOR
Client ID: SG-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Helium (% volume/volume)	ND	*10*		ND			04/04/22	KCA	1	1
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2,4-Trimethylbenzene	1.18	*0.204*	0.204	5.80	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3,5-Trimethylbenzene	0.359	*0.204*	0.204	1.76	*1.00*	1.00	04/01/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Ethyltoluene	1.15	*0.204*	0.204	5.65	*1.00*	1.00	04/01/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Acetone	43.2	*2.11*	2.11	103	*5.01*	5.01	04/01/22	KCA	5	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzene	0.360	*0.313*	0.313	1.15	*1.00*	1.00	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: SG-1

Phoenix I.D.: CK98462

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Tetrachloride	0.063	*0.032*	0.032	0.40	*0.20*	0.20	04/01/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloromethane	4.06	*0.485*	0.485	8.38	*1.00*	1.00	04/01/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/01/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/01/22	KCA	1	
Dichlorodifluoromethane	0.584	*0.202*	0.202	2.89	*1.00*	1.00	04/01/22	KCA	1	
Ethanol	66.6	*2.66*	2.66	125	*5.01*	5.01	04/01/22	KCA	5	1
Ethyl acetate	0.435	*0.278*	0.278	1.57	*1.00*	1.00	04/01/22	KCA	1	1
Ethylbenzene	1.63	*0.230*	0.230	7.07	*1.00*	1.00	04/01/22	KCA	1	
Heptane	0.495	*0.244*	0.244	2.03	*1.00*	1.00	04/01/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexane	0.580	*0.284*	0.284	2.04	*1.00*	1.00	04/01/22	KCA	1	
Isopropylalcohol	2.29	*0.407*	0.407	5.63	*1.00*	1.00	04/01/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
m,p-Xylene	6.01	*0.230*	0.230	26.1	*1.00*	1.00	04/01/22	KCA	1	
Methyl Ethyl Ketone	1.88	*0.339*	0.339	5.54	*1.00*	1.00	04/01/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
Methylene Chloride	1.29	*0.863*	0.863	4.48	*3.00*	3.00	04/01/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
o-Xylene	1.88	*0.230*	0.230	8.16	*1.00*	1.00	04/01/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	04/01/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/01/22	KCA	1	
Tetrachloroethene	0.621	*0.037*	0.037	4.21	*0.25*	0.25	04/01/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	1
Toluene	6.30	*0.266*	0.266	23.7	*1.00*	1.00	04/01/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/01/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	04/01/22	KCA	1	
Trichlorofluoromethane	0.274	*0.178*	0.178	1.54	*1.00*	1.00	04/01/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/01/22	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/01/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	99	*%*	%	99	*%*	%	04/01/22	KCA	1	
% IS-1,4-Difluorobenzene	80	*%*	%	80	*%*	%	04/01/22	KCA	1	
% IS-Bromochloromethane	83	*%*	%	83	*%*	%	04/01/22	KCA	1	
% IS-Chlorobenzene-d5	80	*%*	%	80	*%*	%	04/01/22	KCA	1	
% Bromofluorobenzene (5x)	99	*%*	%	99	*%*	%	04/01/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	82	*%*	%	82	*%*	%	04/01/22	KCA	5	
% IS-Bromochloromethane (5x)	85	*%*	%	85	*%*	%	04/01/22	KCA	5	

Ver 2

Project ID: 22.066 LITTLE TOR
Client ID: SG-1

Phoenix I.D.: CK98462

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5 (5x)	83	%	%	83	%	%	04/01/22	KCA	5

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

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

Comments:

Helium is reported in units of percent (%)

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

Phyllis Shiller, Laboratory Director
May 09, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	19:17
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	362				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98463

Project ID: 22.066 LITTLE TOR
Client ID: SG-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Helium (% volume/volume)	ND	*10*		ND			04/04/22	KCA	1	1
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2,4-Trimethylbenzene	0.383	*0.204*	0.204	1.88	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dioxane	0.458	*0.278*	0.278	1.65	*1.00*	1.00	04/01/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Ethyltoluene	0.393	*0.204*	0.204	1.93	*1.00*	1.00	04/01/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Acetone	31.7	*0.421*	0.421	75.3	*1.00*	1.00	04/01/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzene	0.385	*0.313*	0.313	1.23	*1.00*	1.00	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: SG-2

Phoenix I.D.: CK98463

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Tetrachloride	0.052	*0.032*	0.032	0.33	*0.20*	0.20	04/01/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	04/01/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/01/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/01/22	KCA	1	
Dichlorodifluoromethane	0.258	*0.202*	0.202	1.28	*1.00*	1.00	04/01/22	KCA	1	
Ethanol	25.4	*0.531*	0.531	47.8	*1.00*	1.00	04/01/22	KCA	1	1
Ethyl acetate	0.764	*0.278*	0.278	2.75	*1.00*	1.00	04/01/22	KCA	1	1
Ethylbenzene	0.683	*0.230*	0.230	2.96	*1.00*	1.00	04/01/22	KCA	1	
Heptane	0.397	*0.244*	0.244	1.63	*1.00*	1.00	04/01/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexane	0.508	*0.284*	0.284	1.79	*1.00*	1.00	04/01/22	KCA	1	
Isopropylalcohol	2.85	*0.407*	0.407	7.00	*1.00*	1.00	04/01/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
m,p-Xylene	2.51	*0.230*	0.230	10.9	*1.00*	1.00	04/01/22	KCA	1	
Methyl Ethyl Ketone	1.34	*0.339*	0.339	3.95	*1.00*	1.00	04/01/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
Methylene Chloride	3.73	*0.863*	0.863	12.9	*3.00*	3.00	04/01/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
o-Xylene	0.806	*0.230*	0.230	3.50	*1.00*	1.00	04/01/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	04/01/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/01/22	KCA	1	
Tetrachloroethene	0.384	*0.037*	0.037	2.60	*0.25*	0.25	04/01/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	1
Toluene	4.60	*0.266*	0.266	17.3	*1.00*	1.00	04/01/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/01/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichloroethene	0.055	*0.037*	0.037	0.30	*0.20*	0.20	04/01/22	KCA	1	
Trichlorofluoromethane	0.235	*0.178*	0.178	1.32	*1.00*	1.00	04/01/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/01/22	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/01/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	99	*%*	%	99	*%*	%	04/01/22	KCA	1	
% IS-1,4-Difluorobenzene	80	*%*	%	80	*%*	%	04/01/22	KCA	1	
% IS-Bromochloromethane	84	*%*	%	84	*%*	%	04/01/22	KCA	1	
% IS-Chlorobenzene-d5	82	*%*	%	82	*%*	%	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: SG-2

Phoenix I.D.: CK98463

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

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

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

Comments:

Helium is reported in units of percent (%)

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

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

Phyllis Shiller, Laboratory Director
May 09, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	18:38
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28581				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98464

Project ID: 22.066 LITTLE TOR
Client ID: SG-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Helium (% volume/volume)	ND	*10*		ND			04/04/22	KCA	1	1
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/02/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/02/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/02/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/02/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/02/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/02/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/02/22	KCA	1	
1,2,4-Trimethylbenzene	0.353	*0.204*	0.204	1.73	*1.00*	1.00	04/02/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/02/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/02/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/02/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/02/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/02/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/02/22	KCA	1	
1,3-Butadiene	3.54	*0.452*	0.452	7.83	*1.00*	1.00	04/02/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/02/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/02/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/02/22	KCA	1	
2-Hexanone(MBK)	1.00	*0.244*	0.244	4.09	*1.00*	1.00	04/02/22	KCA	1	1
4-Ethyltoluene	0.230	*0.204*	0.204	1.13	*1.00*	1.00	04/02/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/02/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	3.81	*0.244*	0.244	15.6	*1.00*	1.00	04/02/22	KCA	1	
Acetone	303	*8.42*	8.42	719	*20.0*	20.0	04/04/22	KCA	20	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/02/22	KCA	1	
Benzene	0.917	*0.313*	0.313	2.93	*1.00*	1.00	04/02/22	KCA	1	

Ver 2

Project ID: 22.066 LITTLE TOR
Client ID: SG-3

Phoenix I.D.: CK98464

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/02/22	KCA	1	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/02/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/02/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/02/22	KCA	1	
Carbon Disulfide	0.400	*0.321*	0.321	1.24	*1.00*	1.00	04/02/22	KCA	1	
Carbon Tetrachloride	ND	*0.032*	0.032	ND	*0.20*	0.20	04/02/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/02/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/02/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/02/22	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	04/02/22	KCA	1	
Cis-1,2-Dichloroethene	0.055	*0.051*	0.051	0.22	*0.20*	0.20	04/02/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/02/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/02/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/02/22	KCA	1	
Dichlorodifluoromethane	0.446	*0.202*	0.202	2.20	*1.00*	1.00	04/02/22	KCA	1	
Ethanol	14.5	*0.531*	0.531	27.3	*1.00*	1.00	04/02/22	KCA	1	1
Ethyl acetate	390	*5.55*	5.55	1400	*20.0*	20.0	04/04/22	KCA	20	1
Ethylbenzene	0.560	*0.230*	0.230	2.43	*1.00*	1.00	04/02/22	KCA	1	
Heptane	0.462	*0.244*	0.244	1.89	*1.00*	1.00	04/02/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/02/22	KCA	1	
Hexane	1.22	*0.284*	0.284	4.30	*1.00*	1.00	04/02/22	KCA	1	
Isopropylalcohol	2.56	*0.407*	0.407	6.29	*1.00*	1.00	04/02/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/02/22	KCA	1	
m,p-Xylene	1.59	*0.230*	0.230	6.90	*1.00*	1.00	04/02/22	KCA	1	
Methyl Ethyl Ketone	340	*6.79*	6.79	1000	*20.0*	20.0	04/04/22	KCA	20	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/02/22	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	04/02/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/02/22	KCA	1	1
o-Xylene	0.472	*0.230*	0.230	2.05	*1.00*	1.00	04/02/22	KCA	1	
Propylene	5.59	*0.581*	0.581	9.6	*1.00*	1.00	04/02/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/02/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/02/22	KCA	1	
Tetrachloroethene	0.300	*0.037*	0.037	2.03	*0.25*	0.25	04/02/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	04/02/22	KCA	1	1
Toluene	1.84	*0.266*	0.266	6.93	*1.00*	1.00	04/02/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/02/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/02/22	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	04/02/22	KCA	1	
Trichlorofluoromethane	0.243	*0.178*	0.178	1.36	*1.00*	1.00	04/02/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/02/22	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/02/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	96	*%*	%	96	*%*	%	04/02/22	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	%	100	*%*	%	04/02/22	KCA	1	
% IS-Bromochloromethane	102	*%*	%	102	*%*	%	04/02/22	KCA	1	
% IS-Chlorobenzene-d5	102	*%*	%	102	*%*	%	04/02/22	KCA	1	
% Bromofluorobenzene (20x)	100	*%*	%	100	*%*	%	04/04/22	KCA	20	
% IS-1,4-Difluorobenzene (20x)	108	*%*	%	108	*%*	%	04/04/22	KCA	20	
% IS-Bromochloromethane (20x)	109	*%*	%	109	*%*	%	04/04/22	KCA	20	

Ver 2

Project ID: 22.066 LITTLE TOR
Client ID: SG-3

Phoenix I.D.: CK98464

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
% IS-Chlorobenzene-d5 (20x)	107	%	%	107	%	%	04/04/22	KCA	20

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

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

Comments:

Helium is reported in units of percent (%)

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

Phyllis Shiller, Laboratory Director

May 09, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	HS/SS	03/30/22	18:41
Location Code:	ECMS	Received by:	B	03/31/22	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28608				

Laboratory Data

SDG ID: GCK98458
Phoenix ID: CK98465

Project ID: 22.066 LITTLE TOR
Client ID: OA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/01/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/01/22	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Acetone	1.90	*0.421*	0.421	4.51	*1.00*	1.00	04/01/22	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	04/01/22	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: OA-1

Phoenix I.D.: CK98465

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/01/22	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	04/01/22	KCA	1	
Carbon Tetrachloride	0.056	*0.032*	0.032	0.35	*0.20*	0.20	04/01/22	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloroform	ND	*0.205*	0.205	ND	*1.00*	1.00	04/01/22	KCA	1	
Chloromethane	0.489	*0.485*	0.485	1.01	*1.00*	1.00	04/01/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/01/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	04/01/22	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/01/22	KCA	1	
Dichlorodifluoromethane	ND	*0.202*	0.202	ND	*1.00*	1.00	04/01/22	KCA	1	
Ethanol	3.28	*0.531*	0.531	6.18	*1.00*	1.00	04/01/22	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/01/22	KCA	1	
Hexane	0.304	*0.284*	0.284	1.07	*1.00*	1.00	04/01/22	KCA	1	
Isopropylalcohol	ND	*0.407*	0.407	ND	*1.00*	1.00	04/01/22	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/01/22	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/01/22	KCA	1	
Methylene Chloride	ND	*0.863*	0.863	ND	*3.00*	3.00	04/01/22	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	04/01/22	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	04/01/22	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/01/22	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/01/22	KCA	1	
Tetrachloroethene	0.047	*0.037*	0.037	0.32	*0.25*	0.25	04/01/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	04/01/22	KCA	1	1
Toluene	ND	*0.266*	0.266	ND	*1.00*	1.00	04/01/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/01/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/01/22	KCA	1	
Trichloroethene	ND	*0.037*	0.037	ND	*0.20*	0.20	04/01/22	KCA	1	
Trichlorofluoromethane	0.189	*0.178*	0.178	1.06	*1.00*	1.00	04/01/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/01/22	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/01/22	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	99	%	%	99	%	%	04/01/22	KCA	1	
% IS-1,4-Difluorobenzene	101	%	%	101	%	%	04/01/22	KCA	1	
% IS-Bromochloromethane	103	%	%	103	%	%	04/01/22	KCA	1	
% IS-Chlorobenzene-d5	101	%	%	101	%	%	04/01/22	KCA	1	

Project ID: 22.066 LITTLE TOR
Client ID: OA-1

Phoenix I.D.: CK98465

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

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

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

Comments:

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

Phyllis Shiller, Laboratory Director

May 09, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

May 09, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Location Code: ECMS

SDG I.D.: GCK98458

Project ID: 22.066 LITTLE TOR

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-1	CK98458	28602	6.0L	3513	03/29/22	-30	-5	11.1	10.6	4.6	-30	-9	03/30/22 11:20	03/30/22 18:34
IA-2	CK98459	220	6.0L	5387	03/29/22	-30	-6	10.9	10.9	0.0	-30	-8.5	03/30/22 11:28	03/30/22 18:22
IA-3	CK98460	252	6.0L	5380	03/29/22	-30	-7	10.8	10.7	0.9	-29.5	-9	03/30/22 11:29	03/30/22 18:20
IA-4	CK98461	11289	6.0L	10594	03/29/22	-30	-6	11	11.3	2.7	-30	-8	03/30/22 11:23	03/30/22 18:28
SG-1	CK98462	18111	6.0L	3188	03/21/22	-30	-7	10.8	11.5	6.3	-30	-8	03/30/22 11:21	03/30/22 18:19
SG-2	CK98463	362	6.0L	5237	03/21/22	-30	0	10.8	11.3	4.5	-30	-5	03/30/22 11:27	03/30/22 19:17
SG-3	CK98464	28581	6.0L	3507	03/21/22	-30	-5	10.8	10.9	0.9	-30	-8	03/30/22 11:19	03/30/22 18:38
OA-1	CK98465	28608	6.0L	7017	03/29/22	-30	-5	11.1	10.8	2.7	-30	-8	03/30/22 11:17	03/30/22 18:41

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 09, 2022

QA/QC Data

SDG I.D.: GCK98458

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 618322 (ppbv), QC Sample No: CK98458 (CK98458, CK98459, CK98460, CK98461, CK98462 (1X, 5X) , CK98463, CK98465)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	106	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	112	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	154	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	103	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	93	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	94	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	93	2.85	2.80	1.20	1.18	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	107	0.35	0.37	0.056	0.059	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	104	1.06	1.11	0.512	0.537	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	111	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	123	1.29	1.25	0.262	0.253	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCK98458

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	119	83.6 E	81.5	44.4 E	43.3	2.5	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	113	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	103	1.21	1.18	0.493	0.479	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	106	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	106	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	103	1.12	1.07	0.298	0.284	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	103	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	108	1.06	1.06	0.189	0.189	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	98	%	98	%	99	100	99	100	99	NC	70 - 130	25
% IS-1,4-Difluorobenzene	101	%	101	%	90	99	99	99	99	NC	60 - 140	25
% IS-Bromochloromethane	102	%	102	%	92	102	102	102	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	100	%	100	%	91	100	100	100	100	NC	60 - 140	25
QA/QC Batch 618529 (ppbv), QC Sample No: CK99247 (CK98464)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.500	ND	2.73	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.010	ND	0.07	93	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.020	ND	0.11	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.150	ND	0.61	90	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.200	ND	0.79	99	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.054	ND	0.40	152	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46	118	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.010	ND	0.08	97	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.100	ND	0.60	116	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.020	ND	0.08	104	0.09	ND	0.022	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.020	ND	0.09	91	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	108	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.500	ND	2.46	115	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.500	ND	1.11	109	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.100	ND	0.60	125	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.080	ND	0.48	117	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.130	ND	0.47	101	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.500	ND	2.05	107	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.500	ND	2.46	114	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCK98458

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
4-Isopropyltoluene	ND	0.500	ND	2.74	116	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	107	ND	ND	ND	ND	NC	70 - 130	25
Acrylonitrile	ND	0.500	ND	1.08	107	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.200	ND	0.64	89	1.06	1.00	0.333	0.314	NC	70 - 130	25
Benzyl chloride	ND	0.500	ND	2.59	110	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.020	ND	0.13	100	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.150	ND	1.55	121	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.140	ND	0.54	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.500	ND	1.56	89	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.086	ND	0.54	109	0.55	0.54	0.087	0.086	NC	70 - 130	25
Chlorobenzene	ND	0.200	ND	0.92	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.500	ND	1.32	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.500	ND	1.03	105	1.78	1.59	0.864	0.769	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.200	ND	0.79	93	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.100	ND	0.45	94	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.500	ND	1.72	83	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	102	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.500	ND	2.47	107	2.68	2.73	0.542	0.553	NC	70 - 130	25
Ethanol	ND	0.750	ND	1.41	124	981 E	934	521 E	496	4.9	70 - 130	25
Ethylbenzene	ND	0.500	ND	2.17	108	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.500	ND	2.05	108	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.010	ND	0.11	141	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.450	ND	1.59	102	1.87	1.72	0.531	0.488	NC	70 - 130	25
Isopropylalcohol	ND	0.750	ND	1.84	119	3.68	3.46	1.50	1.41	NC	70 - 130	25
Isopropylbenzene	ND	0.500	ND	2.46	106	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	1.00	ND	4.34	112	5.86	5.64	1.35	1.30	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	98	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	3.00	ND	10.4	102	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.500	ND	2.74	110	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.500	ND	2.17	112	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.500	ND	0.86	102	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.500	ND	2.74	108	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.200	ND	0.85	115	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.100	ND	0.68	106	18.2	17.6	2.68	2.59	3.4	70 - 130	25
Tetrahydrofuran	ND	0.500	ND	1.47	102	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.500	ND	1.88	98	10.4	10.4	2.75	2.75	0.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.200	ND	0.79	95	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	96	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.050	ND	0.27	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.500	ND	2.81	116	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.500	ND	3.83	92	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.100	ND	0.26	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	92	%	92	%	101	104	102	104	102	NC	70 - 130	25
% IS-1,4-Difluorobenzene	97	%	97	%	105	81	84	81	84	NC	60 - 140	25
% IS-Bromochloromethane	90	%	90	%	101	88	91	88	91	NC	60 - 140	25
% IS-Chlorobenzene-d5	93	%	93	%	109	81	84	81	84	NC	60 - 140	25
QA/QC Batch 618712 (ppbv), QC Sample No: CK99710 (CK98464 (20X))												
Volatiles												
Acetone	ND	0.750	ND	1.78	105	81.4	84.3	34.3	35.5	3.4	70 - 130	25
Ethyl acetate	ND	0.500	ND	1.80	101	5.51	5.15	1.53	1.43	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.450	ND	1.33	98	4.72	4.75	1.60	1.61	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCK98458

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	93	%	93	%	102	102	103	102	103	NC	70 - 130	25
% IS-1,4-Difluorobenzene	100	%	100	%	113	101	104	101	104	NC	60 - 140	25
% IS-Bromochloromethane	97	%	97	%	109	104	104	104	104	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	123	106	107	106	107	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
May 09, 2022

Monday, May 09, 2022

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCK98458 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK98458	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.056	0.032	0.032	0.032	ppbv
CK98458	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.35	0.2	0.2	0.2	ug/m3
CK98459	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.048	0.032	0.032	0.032	ppbv
CK98459	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.30	0.2	0.2	0.2	ug/m3
CK98460	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.055	0.032	0.032	0.032	ppbv
CK98460	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.35	0.2	0.2	0.2	ug/m3
CK98461	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.059	0.032	0.032	0.032	ppbv
CK98461	$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	3.39	0.863	0.864	0.864	ppbv
CK98461	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.37	0.2	0.2	0.2	ug/m3
CK98461	$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	11.8	3	3	3	ug/m3
CK98462	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.621	0.037	0.443	0.443	ppbv
CK98462	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.063	0.032	0.032	0.032	ppbv
CK98462	$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	1.29	0.863	0.864	0.864	ppbv
CK98462	$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	4.48	3	3	3	ug/m3
CK98462	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	4.21	0	3	3	ug/m3
CK98462	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.40	0.2	0.2	0.2	ug/m3
CK98463	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.052	0.032	0.032	0.032	ppbv
CK98463	$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	3.73	0.863	0.864	0.864	ppbv
CK98463	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.055	0.037	0.037	0.037	ppbv
CK98463	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.33	0.2	0.2	0.2	ug/m3
CK98463	$AIR_NYTO15	Methylene Chloride	NY / Air Guideline Values / Indoor Air	12.9	3	3	3	ug/m3
CK98463	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.30	0.2	0.2	0.2	ug/m3
CK98464	$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.055	0.051	0.051	0.051	ppbv
CK98464	$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.22	0.2	0.2	0.2	ug/m3
CK98465	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.056	0.032	0.032	0.032	ppbv
CK98465	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.35	0.2	0.2	0.2	ug/m3

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
860-645-1102
email: greg@phoenixlabs.com

P.O. # | Page 1 of 1

Data Delivery:
- ☐ Fax #:
- ☐ Email: harrys@ecmsny.com
- ☐ Phone #: 203-241-1030

Report to:	Harry Sudwischer	Project Name: 22.066 Little Tor	Data Format: (Circle) Equis Excel Other:
Customer:	ECMS,Inc.	Invoice to: Harry Sudwischer	Requested Deliverable: RCP ASP CAT B
Address:	10 Filmont Dirve, New City, NY 10956		MCP NJ Deliverables
		Sampled by: Harry Sudwischer/Sam Steenson	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	Helium
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES		
98458	IA-1	28602	6L	-30	-5	3573	11.1	11:20	18:34	3/30/2022	30+	9	X			X		
98459	IA-2	220	6L	-30	-6	5387	10.9	11:28	18:22	3/30/2022	30	8.5	X			X		
98460	IA-3	252	6L	-30	-7	5380	10.8	11:29	18:20	3/30/2022	29.5	9	X			X		
98461	IA-4	11289	6L	-30	-6	10594	11	11:23	18:28	3/30/2022	30	8	X			X		
98462	SG-1	18111	6L	-30	-7	3188	10.8	11:21	18:19	3/30/2022	30+	8		X		X		X
98463	SG-2	362	6L	-30	0	5237	10.8	11:27	19:17	3/30/2022	30	5		X		X		X
98464	SG-3	28581	6L	-30	-5	3507	10.8	11:19	18:38	3/30/2022	30+	8		X		X		X
98465	OA-1	28608	6L	-30	-5	7017	11.1	11:17	18:41	3/30/2022	30+	8	X			X		

Relinquished by:	Accepted by:	Date:	Time:
		3/31/22	1115
		3-31-22	14:30

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: 3/30/22

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

3.31.22 3/31 1611

Turnaround Time:
- 1 Day ☐
- 2 Day ☐
- 3 Day ☐
- 4 Day ☐
- 5 Day ☒

Requested Criteria: (Please Circle)

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

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 23, 2022

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: **2655 LITTLE TOR RD**
SDG ID: **GCL57220**
Sample ID#s: **CL57220 - CL57228**

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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

NY # 11301

SDG Comments

June 23, 2022

SDG I.D.: GCL57220

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/ECD method 504 or 8011 to achieve this criteria.

CL57221
Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample. Not all requested criteria could be achieved.

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NY # 11301

Sample Id Cross Reference

June 23, 2022

SDG I.D.: GCL57220

Project ID: 2655 LITTLE TOR RD

Client Id	Lab Id	Matrix
PMW-UG	CL57220	GROUND WATER
PMW-2A	CL57221	GROUND WATER
PMW-4A	CL57222	GROUND WATER
PMW-5A	CL57223	GROUND WATER
PMW-6A	CL57224	GROUND WATER
PMW-7A	CL57225	GROUND WATER
PMW-8A	CL57226	GROUND WATER
PMW-12A	CL57227	GROUND WATER
PMW-13A	CL57228	GROUND WATER

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/13/22	13:00
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57220

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-UG

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-UG

Phoenix I.D.: CL57220

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/17/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Benzene	2.4	0.70	ug/L	1	06/17/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/17/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	06/17/22	MH	70 - 130 %	
% Bromofluorobenzene	84		%	1	06/17/22	MH	70 - 130 %	
% Dibromofluoromethane	98		%	1	06/17/22	MH	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96		%	1	06/17/22	MH	70 - 130 %

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

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/15/22	10:27
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57221

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-2A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,1,1-Trichloroethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
1,1-Dichloroethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,1-Dichloroethene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,1-Dichloropropene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,2,3-Trichlorobenzene	ND	10	ug/L	10	06/17/22	PS	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
1,2,4-Trichlorobenzene	ND	10	ug/L	10	06/17/22	PS	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
1,2-Dichlorobenzene	ND	4.7	ug/L	10	06/17/22	PS	SW8260C	
1,2-Dichloroethane	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,3-Dichlorobenzene	ND	3.0	ug/L	10	06/17/22	PS	SW8260C	
1,3-Dichloropropane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
1,4-Dichlorobenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
2,2-Dichloropropane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
2-Chlorotoluene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
2-Hexanone	ND	50	ug/L	10	06/17/22	PS	SW8260C	
2-Isopropyltoluene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	1
4-Chlorotoluene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
4-Methyl-2-pentanone	ND	50	ug/L	10	06/17/22	PS	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-2A

Phoenix I.D.: CL57221

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	50	ug/L	10	06/17/22	PS	SW8260C	
Acrylonitrile	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Benzene	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
Bromobenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Bromochloromethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Bromodichloromethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Bromoform	ND	10	ug/L	10	06/17/22	PS	SW8260C	
Bromomethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Carbon Disulfide	ND	50	ug/L	10	06/17/22	PS	SW8260C	
Carbon tetrachloride	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Chlorobenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Chloroethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Chloroform	ND	7.0	ug/L	10	06/17/22	PS	SW8260C	
Chloromethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
cis-1,2-Dichloroethene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
cis-1,3-Dichloropropene	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
Dibromochloromethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Dibromomethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Dichlorodifluoromethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Ethylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Hexachlorobutadiene	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
Isopropylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
m&p-Xylene	ND	10	ug/L	10	06/17/22	PS	SW8260C	
Methyl ethyl ketone	ND	50	ug/L	10	06/17/22	PS	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	ug/L	10	06/17/22	PS	SW8260C	
Methylene chloride	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Naphthalene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
n-Butylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
n-Propylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
o-Xylene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
p-Isopropyltoluene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
sec-Butylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Styrene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
tert-Butylbenzene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Tetrachloroethene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Tetrahydrofuran (THF)	ND	25	ug/L	10	06/17/22	PS	SW8260C	1
Toluene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Total Xylenes	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
trans-1,3-Dichloropropene	ND	1.0	ug/L	10	06/17/22	PS	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Trichloroethene	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Trichlorofluoromethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Trichlorotrifluoroethane	ND	5.0	ug/L	10	06/17/22	PS	SW8260C	
Vinyl chloride	ND	2.0	ug/L	10	06/17/22	PS	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (10x)	100		%	10	06/17/22	PS	70 - 130 %	
% Bromofluorobenzene (10x)	87		%	10	06/17/22	PS	70 - 130 %	
% Dibromofluoromethane (10x)	102		%	10	06/17/22	PS	70 - 130 %	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-2A

Phoenix I.D.: CL57221

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (10x)	98		%	10	06/17/22	PS	70 - 130 %

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

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

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample. Not all requested criteria could be achieved.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/13/22	15:45
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57222

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-4A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-4A

Phoenix I.D.: CL57222

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/17/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	06/17/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,2-Dichloroethene	23	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrachloroethene	110	50	ug/L	50	06/18/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/17/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Trichloroethene	8.6	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	06/17/22	MH	70 - 130 %	
% Bromofluorobenzene	87		%	1	06/17/22	MH	70 - 130 %	
% Dibromofluoromethane	100		%	1	06/17/22	MH	70 - 130 %	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-4A

Phoenix I.D.: CL57222

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97		%	1	06/17/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	06/18/22	MH	70 - 130 %
% Bromofluorobenzene (50x)	82		%	50	06/18/22	MH	70 - 130 %
% Dibromofluoromethane (50x)	94		%	50	06/18/22	MH	70 - 130 %
% Toluene-d8 (50x)	96		%	50	06/18/22	MH	70 - 130 %

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

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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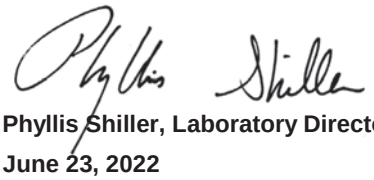

Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/15/22	9:47
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57223

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-5A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/18/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/18/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/18/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/18/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/18/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/18/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/18/22	MH	SW8260C	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-5A

Phoenix I.D.: CL57223

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/18/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	06/18/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/18/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/18/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/18/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/18/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/18/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/18/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Tetrachloroethene	550	20	ug/L	20	06/17/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/18/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/18/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/18/22	MH	SW8260C	
Trichloroethene	1.3	1.0	ug/L	1	06/18/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/18/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96		%	1	06/18/22	MH	70 - 130 %	
% Bromofluorobenzene	83		%	1	06/18/22	MH	70 - 130 %	
% Dibromofluoromethane	98		%	1	06/18/22	MH	70 - 130 %	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-5A

Phoenix I.D.: CL57223

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	06/18/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101		%	20	06/17/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	86		%	20	06/17/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	103		%	20	06/17/22	MH	70 - 130 %
% Toluene-d8 (20x)	97		%	20	06/17/22	MH	70 - 130 %

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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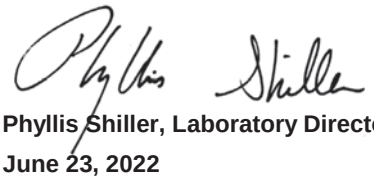

Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/15/22	10:08
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57224

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-6A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-6A

Phoenix I.D.: CL57224

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/17/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	06/17/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/17/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	06/17/22	MH	70 - 130 %	
% Bromofluorobenzene	87		%	1	06/17/22	MH	70 - 130 %	
% Dibromofluoromethane	103		%	1	06/17/22	MH	70 - 130 %	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-6A

Phoenix I.D.: CL57224

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97		%	1	06/17/22	MH	70 - 130 %

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

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/15/22	9:57
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57225

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-7A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-7A

Phoenix I.D.: CL57225

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/17/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	06/17/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Ethylbenzene	2.0	1.0	ug/L	1	06/17/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrachloroethene	3.5	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/17/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	06/17/22	MH	70 - 130 %	
% Bromofluorobenzene	88		%	1	06/17/22	MH	70 - 130 %	
% Dibromofluoromethane	99		%	1	06/17/22	MH	70 - 130 %	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-7A

Phoenix I.D.: CL57225

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	06/17/22	MH	70 - 130 %

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

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/13/22	13:16
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57226

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-8A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-8A

Phoenix I.D.: CL57226

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/17/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	06/17/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,2-Dichloroethene	21	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrachloroethene	4.5	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/17/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Trichloroethene	3.7	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	06/17/22	MH	70 - 130 %	
% Bromofluorobenzene	86		%	1	06/17/22	MH	70 - 130 %	
% Dibromofluoromethane	102		%	1	06/17/22	MH	70 - 130 %	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-8A

Phoenix I.D.: CL57226

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	06/17/22	MH	70 - 130 %

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

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/15/22	9:21
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57227

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-12A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-12A

Phoenix I.D.: CL57227

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/17/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	06/17/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,2-Dichloroethene	5.3	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrachloroethene	3.3	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/17/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	06/17/22	MH	70 - 130 %	
% Bromofluorobenzene	87		%	1	06/17/22	MH	70 - 130 %	
% Dibromofluoromethane	101		%	1	06/17/22	MH	70 - 130 %	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-12A

Phoenix I.D.: CL57227

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	06/17/22	MH	70 - 130 %

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

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2022

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/15/22	9:29
Location Code:	ECMS	Received by:	MMN	06/15/22	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL57220
Phoenix ID: CL57228

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-13A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	06/17/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-13A

Phoenix I.D.: CL57228

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	06/17/22	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	06/17/22	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
cis-1,2-Dichloroethene	45	2.0	ug/L	2	06/18/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	06/17/22	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Tetrachloroethene	39	2.0	ug/L	2	06/18/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/17/22	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/17/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/17/22	MH	SW8260C	
Trichloroethene	12	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	06/17/22	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	06/17/22	MH	70 - 130 %	
% Bromofluorobenzene	86		%	1	06/17/22	MH	70 - 130 %	
% Dibromofluoromethane	103		%	1	06/17/22	MH	70 - 130 %	

Ver 1

Project ID: 2655 LITTLE TOR RD
Client ID: PMW-13A

Phoenix I.D.: CL57228

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96		%	1	06/17/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (2x)	97		%	2	06/18/22	MH	70 - 130 %
% Bromofluorobenzene (2x)	81		%	2	06/18/22	MH	70 - 130 %
% Dibromofluoromethane (2x)	98		%	2	06/18/22	MH	70 - 130 %
% Toluene-d8 (2x)	98		%	2	06/18/22	MH	70 - 130 %

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

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

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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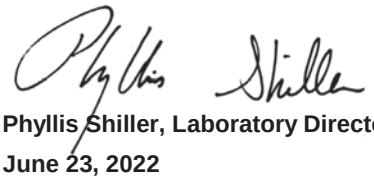

Phyllis Shiller, Laboratory Director

June 23, 2022

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 23, 2022

QA/QC Data

SDG I.D.: GCL57220

QA/QC Batch 629690 (ug/L), QC Sample No: CL56413 (CL57220, CL57221 (10X) , CL57222, CL57223 (20X) , CL57224, CL57225, CL57226, CL57227, CL57228)

Volatiles - Ground Water

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	1.0	103	101	2.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	97	95	2.1				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	91	89	2.2				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	89	92	3.3				70 - 130	30
1,1-Dichloroethane	ND	1.0	94	94	0.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	103	104	1.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	108	105	2.8				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	100	101	1.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	83	86	3.6				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	103	103	0.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	104	100	3.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	101	103	2.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	98	98	0.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	98	2.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	87	88	1.1				70 - 130	30
1,2-Dichloropropane	ND	1.0	92	92	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	106	102	3.8				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	102	100	2.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	94	96	2.1				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	101	100	1.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	105	95	10.0				70 - 130	30
2-Chlorotoluene	ND	1.0	106	103	2.9				70 - 130	30
2-Hexanone	ND	5.0	79	80	1.3				70 - 130	30
2-Isopropyltoluene	ND	1.0	105	101	3.9				70 - 130	30
4-Chlorotoluene	ND	1.0	108	102	5.7				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	76	78	2.6				70 - 130	30
Acetone	ND	5.0	66	75	12.8				70 - 130	30
Acrylonitrile	ND	5.0	86	90	4.5				70 - 130	30
Benzene	ND	0.70	101	101	0.0				70 - 130	30
Bromobenzene	ND	1.0	104	104	0.0				70 - 130	30
Bromochloromethane	ND	1.0	92	97	5.3				70 - 130	30
Bromodichloromethane	ND	0.50	92	89	3.3				70 - 130	30
Bromoform	ND	1.0	97	98	1.0				70 - 130	30
Bromomethane	ND	1.0	97	95	2.1				70 - 130	30
Carbon Disulfide	ND	1.0	93	94	1.1				70 - 130	30
Carbon tetrachloride	ND	1.0	100	119	17.4				70 - 130	30
Chlorobenzene	ND	1.0	103	101	2.0				70 - 130	30
Chloroethane	ND	1.0	94	93	1.1				70 - 130	30
Chloroform	ND	1.0	89	91	2.2				70 - 130	30
Chloromethane	ND	1.0	78	80	2.5				70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	97	97	0.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	92	92	0.0				70 - 130	30
Dibromochloromethane	ND	0.50	100	98	2.0				70 - 130	30
Dibromomethane	ND	1.0	92	94	2.2				70 - 130	30
Dichlorodifluoromethane	ND	1.0	87	85	2.3				70 - 130	30
Ethylbenzene	ND	1.0	108	106	1.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	104	103	1.0				70 - 130	30
Isopropylbenzene	ND	1.0	112	108	3.6				70 - 130	30
m&p-Xylene	ND	1.0	106	103	2.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	70	77	9.5				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	84	85	1.2				70 - 130	30
Methylene chloride	ND	1.0	89	87	2.3				70 - 130	30
Naphthalene	ND	1.0	91	93	2.2				70 - 130	30
n-Butylbenzene	ND	1.0	104	102	1.9				70 - 130	30
n-Propylbenzene	ND	1.0	111	106	4.6				70 - 130	30
o-Xylene	ND	1.0	105	102	2.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	108	105	2.8				70 - 130	30
sec-Butylbenzene	ND	1.0	107	104	2.8				70 - 130	30
Styrene	ND	1.0	105	102	2.9				70 - 130	30
tert-Butylbenzene	ND	1.0	108	102	5.7				70 - 130	30
Tetrachloroethene	ND	1.0	109	108	0.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	77	77	0.0				70 - 130	30
Toluene	ND	1.0	101	99	2.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	102	102	0.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	89	90	1.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	95	96	1.0				70 - 130	30
Trichloroethene	ND	1.0	107	106	0.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	99	98	1.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	101	101	0.0				70 - 130	30
Vinyl chloride	ND	1.0	99	97	2.0				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	98	99	1.0				70 - 130	30
% Bromofluorobenzene	84	%	94	94	0.0				70 - 130	30
% Dibromofluoromethane	101	%	93	98	5.2				70 - 130	30
% Toluene-d8	97	%	96	97	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 629717 (ug/L), QC Sample No: CL57223 (CL57222 (50X) , CL57223, CL57228 (2X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	99	102	3.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	88	93	5.5				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	86	93	7.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	80	92	14.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	93	99	6.3				70 - 130	30
1,1-Dichloroethene	ND	1.0	104	107	2.8				70 - 130	30
1,1-Dichloropropene	ND	1.0	100	106	5.8				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	85	99	15.2				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	75	87	14.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	91	101	10.4				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	104	105	1.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	85	95	11.1				70 - 130	30

QA/QC Data

SDG I.D.: GCL57220

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dibromoethane	ND	1.0	92	97	5.3				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	96	100	4.1				70 - 130	30	
1,2-Dichloroethane	ND	1.0	77	83	7.5				70 - 130	30	
1,2-Dichloropropane	ND	1.0	89	97	8.6				70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	105	104	1.0				70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	102	104	1.9				70 - 130	30	
1,3-Dichloropropane	ND	1.0	89	96	7.6				70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	99	102	3.0				70 - 130	30	
2,2-Dichloropropane	ND	1.0	97	103	6.0				70 - 130	30	
2-Chlorotoluene	ND	1.0	108	108	0.0				70 - 130	30	
2-Hexanone	ND	5.0	73	83	12.8				70 - 130	30	
2-Isopropyltoluene	ND	1.0	103	103	0.0				70 - 130	30	
4-Chlorotoluene	ND	1.0	107	109	1.9				70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	70	81	14.6				70 - 130	30	
Acetone	ND	5.0	56	75	29.0				70 - 130	30	I
Acrylonitrile	ND	5.0	87	94	7.7				70 - 130	30	
Benzene	ND	0.70	97	103	6.0				70 - 130	30	
Bromobenzene	ND	1.0	103	105	1.9				70 - 130	30	
Bromochloromethane	ND	1.0	85	96	12.2				70 - 130	30	
Bromodichloromethane	ND	0.50	80	88	9.5				70 - 130	30	
Bromoform	ND	1.0	87	95	8.8				70 - 130	30	
Bromomethane	ND	1.0	82	85	3.6				70 - 130	30	
Carbon Disulfide	ND	1.0	93	98	5.2				70 - 130	30	
Carbon tetrachloride	ND	1.0	110	115	4.4				70 - 130	30	
Chlorobenzene	ND	1.0	100	104	3.9				70 - 130	30	
Chloroethane	ND	1.0	95	100	5.1				70 - 130	30	
Chloroform	ND	1.0	83	90	8.1				70 - 130	30	
Chloromethane	ND	1.0	77	82	6.3				70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	94	102	8.2				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	83	92	10.3				70 - 130	30	
Dibromochloromethane	ND	0.50	92	99	7.3				70 - 130	30	
Dibromomethane	ND	1.0	82	91	10.4				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	89	91	2.2				70 - 130	30	
Ethylbenzene	ND	1.0	106	108	1.9				70 - 130	30	
Hexachlorobutadiene	ND	0.40	89	92	3.3				70 - 130	30	
Isopropylbenzene	ND	1.0	110	111	0.9				70 - 130	30	
m&p-Xylene	ND	1.0	103	105	1.9				70 - 130	30	
Methyl ethyl ketone	ND	5.0	71	76	6.8				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	75	86	13.7				70 - 130	30	
Methylene chloride	ND	1.0	74	80	7.8				70 - 130	30	
Naphthalene	ND	1.0	77	91	16.7				70 - 130	30	
n-Butylbenzene	ND	1.0	99	100	1.0				70 - 130	30	
n-Propylbenzene	ND	1.0	108	107	0.9				70 - 130	30	
o-Xylene	ND	1.0	101	104	2.9				70 - 130	30	
p-Isopropyltoluene	ND	1.0	104	104	0.0				70 - 130	30	
sec-Butylbenzene	ND	1.0	101	101	0.0				70 - 130	30	
Styrene	ND	1.0	100	104	3.9				70 - 130	30	
tert-Butylbenzene	ND	1.0	102	103	1.0				70 - 130	30	
Tetrachloroethene	ND	1.0	98	104	5.9				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	68	76	11.1				70 - 130	30	I
Toluene	ND	1.0	95	101	6.1				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	100	107	6.8				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	79	89	11.9				70 - 130	30	

QA/QC Data

SDG I.D.: GCL57220

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,4-dichloro-2-butene	ND	5.0	91	99	8.4				70 - 130	30
Trichloroethene	ND	1.0	99	105	5.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	91	94	3.2				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	96	99	3.1				70 - 130	30
Vinyl chloride	ND	1.0	95	103	8.1				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	96	97	1.0				70 - 130	30
% Bromofluorobenzene	83	%	90	92	2.2				70 - 130	30
% Dibromofluoromethane	99	%	84	96	13.3				70 - 130	30
% Toluene-d8	97	%	96	96	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
June 23, 2022

Thursday, June 23, 2022

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCL57220 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL57220	$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	2.4	0.70	0.7	0.7	ug/L
CL57220	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57220	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL57220	$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	2.4	0.70	1	1	ug/L
CL57220	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57221	$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.0	0.7	0.7	ug/L
CL57221	$8260GWR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CL57221	$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
CL57221	$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
CL57221	$8260GWR	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CL57221	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
CL57221	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CL57221	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CL57222	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	110	50	5	5	ug/L
CL57222	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	8.6	1.0	5	5	ug/L
CL57222	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57222	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL57222	$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	23	1.0	5	5	ug/L
CL57222	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	110	50	5	5	ug/L
CL57222	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	8.6	1.0	5	5	ug/L
CL57222	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57223	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	550	20	5	5	ug/L
CL57223	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL57223	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57223	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	550	20	5	5	ug/L
CL57223	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57224	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57224	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57224	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL57225	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57225	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57225	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL57226	$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5	ug/L
CL57226	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57226	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57226	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L

Thursday, June 23, 2022

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCL57220 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL57227	$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	5.3	1.0	5	5	ug/L
CL57227	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL57227	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57227	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57228	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	39	2.0	5	5	ug/L
CL57228	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	12	1.0	5	5	ug/L
CL57228	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
CL57228	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CL57228	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CL57228	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CL57228	$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	45	2.0	5	5	ug/L
CL57228	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	39	2.0	5	5	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 23, 2022 SDG I.D.: GCL57220

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM17 06/17/22-1: CL57220, CL57221, CL57222, CL57223, CL57224, CL57225, CL57226, CL57227, CL57228

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 26% (20%), Methyl ethyl ketone 21% (20%), Methylene chloride 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.039 (0.05), 2-Hexanone 0.066 (0.1), 4-Methyl-2-pentanone 0.096 (0.1), Acetone 0.050 (0.1), Acrylonitrile 0.047 (0.05), Methyl ethyl ketone 0.065 (0.1), Tetrahydrofuran (THF) 0.038 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.039 (0.05), Acrylonitrile 0.047 (0.05), Tetrahydrofuran (THF) 0.038 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.035 (0.05), Acetone 0.035 (0.05), Acrylonitrile 0.040 (0.05), Methyl ethyl ketone 0.049 (0.05), Tetrahydrofuran (THF) 0.028 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.039 (0.05), Acetone 0.050 (0.05), Acrylonitrile 0.047 (0.05), Methyl ethyl ketone 0.065 (0.05), Tetrahydrofuran (THF) 0.038 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM17 06/18/22-1: CL57222, CL57223, CL57228

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 26% (20%), Methyl ethyl ketone 21% (20%), Methylene chloride 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.039 (0.05), 2-Hexanone 0.066 (0.1), 4-Methyl-2-pentanone 0.096 (0.1), Acetone 0.050 (0.1), Acrylonitrile 0.047 (0.05), Methyl ethyl ketone 0.065 (0.1), Tetrahydrofuran (THF) 0.038 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.039 (0.05), Acrylonitrile 0.047 (0.05), Tetrahydrofuran (THF) 0.038 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Acetone 40%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.036 (0.05), Acetone 0.030 (0.05), Acrylonitrile 0.046 (0.05), Methyl ethyl ketone 0.048 (0.05), Tetrahydrofuran (THF) 0.028 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.039 (0.05), Acetone 0.050 (0.05), Acrylonitrile 0.047 (0.05), Methyl ethyl ketone 0.065 (0.05), Tetrahydrofuran (THF) 0.038 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

June 23, 2022

SDG I.D.: GCL57220

The samples in this delivery group were received at 2.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

Temp 2.0°C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☑ Phone: (203)241-1030
☐ Fax:
☑ Email: harry s@ecmsny.com

Customer: ECMS Inc
Address: 10 Filmore Ave New City, NY

Project: 265 S Little Tor Rd
Report to: Harry Sukwiskar
Invoice to: S/A
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Date: 6/15/22

Client Sample - Information - Identification

Analysis Request

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260 Full List	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container [ ] oz	GL Soil container [ ] oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
57220	PMW-UG	GW	6/13/22	13:00	X				3								
57221	PMW-2A		6/15/22	10:27					3								
57222	PMW-4A		6/13/22	15:45					3								
57223	PMW-5A		6/15/22	9:47					3								
57224	PMW-6A		6/15/22	10:06					3								
57225	PMW-7A		6/15/22	9:57					3								
57226	PMW-8A		6/13/22	13:16					3								
57227	PMW-12A		6/15/22	9:21					3								
57228	PMW-13A	GW	6/15/22	9:29	X				3								

Relinquished by:	Accepted by:	Date:	Time:
		6.15.22	15:05
		6/15	1640

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☑ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☑ Excel ☐ NJ Hazsite EDD
☑ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

PHOENIX
Environmental Laboratories, Inc.

Wednesday, March 08, 2023

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: **LITTLE TOR**
SDG ID: **GCN47696**
Sample ID#s: CN47696 - CN47697

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

March 08, 2023

SDG I.D.: GCN47696

Project ID: LITTLE TOR

Client Id	Lab Id	Matrix
IA-1	CN47696	AIR
OA-1	CN47697	AIR

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 08, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		02/21/23	16:53
Location Code:	ECMS	Received by:	MMN	02/22/23	17:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28622				

Laboratory Data

SDG ID: GCN47696
Phoenix ID: CN47696

Project ID: LITTLE TOR
Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
Methylene Chloride	ND	*0.863*	ND	*3.00*	02/22/23	KCA	1
QA/QC Surrogates/Internals							
% Bromofluorobenzene	106	%	106	%	02/22/23	KCA	1
% IS-1,4-Difluorobenzene	102	%	102	%	02/22/23	KCA	1
% IS-Bromochloromethane	101	%	101	%	02/22/23	KCA	1
% IS-Chlorobenzene-d5	102	%	102	%	02/22/23	KCA	1

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

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

Phyllis Shiller, Laboratory Director
March 08, 2023
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 08, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		02/21/23	16:54
Location Code:	ECMS	Received by:	MMN	02/22/23	17:04
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	488				

Laboratory Data

SDG ID: GCN47696
Phoenix ID: CN47697

Project ID: LITTLE TOR
Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
Methylene Chloride	ND	*0.863*	ND	*3.00*	02/22/23	KCA	1
QA/QC Surrogates/Internals							
% Bromofluorobenzene	104	%	104	%	02/22/23	KCA	1
% IS-1,4-Difluorobenzene	97	%	97	%	02/22/23	KCA	1
% IS-Bromochloromethane	99	%	99	%	02/22/23	KCA	1
% IS-Chlorobenzene-d5	98	%	98	%	02/22/23	KCA	1

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

Comments:

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

Phyllis Shiller, Laboratory Director
March 08, 2023
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Canister Sampling Information

March 08, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Location Code: ECMS

Project ID: LITTLE TOR

SDG I.D.: GCN47696

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-1	CN47696	28622	6.0L	10702	02/17/23	-30	-8.5	11.5	11.4	0.9	-30	-9	02/21/23 10:29	02/21/23 16:53
OA-1	CN47697	488	6.0L	10594	02/17/23	-30	-7	10.5	10.5	0.0	-30	-9	02/21/23 10:30	02/21/23 16:54

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

NY # 11301

QA/QC Report

March 08, 2023

QA/QC Data

SDG I.D.: GCN47696

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 665482 (ppbv), QC Sample No: CN46971 (CN47696, CN47697)												
Volatiles												
Methylene Chloride	ND	3.00	ND	10.4	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	104	%	104	%	105	104	105	104	105	NC	70 - 130	25
% IS-1,4-Difluorobenzene	105	%	105	%	103	96	93	96	93	NC	60 - 140	25
% IS-Bromochloromethane	104	%	104	%	100	95	94	95	94	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	107	98	96	98	96	NC	60 - 140	25

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

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

Phyllis Shiller, Laboratory Director
March 08, 2023

Wednesday, March 08, 2023

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCN47696 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

March 08, 2023 SDG I.D.: GCN47696

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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

ECMS

CHAIN OF CUSTODY RECORD

AIR ANALYSES

860-645-1102
email: greg@phoenixlabs.com

[redacted]

P.O. #

Data Delivery:
☐ Fax #:
☒ Email: harrys@ecmsny.com
☒ Phone #: (203) 241-1030

Report to:	Harry Sudwischer
Customer:	ECMS, Inc
Address:	10 Filmont Drive
14375	NY, NY 10956

Project Name: Little Tor
Invoice to: Harry Sudwischer
Sampled by:

Data Format: (Circle) Equis (Excel) Other:
Requested Deliverable: RCP ASP CAT B MCP NJ Deliverables
Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	MATRIX: Ambient/Indoor Air	MATRIX: Soil Gas	MATRIX: Grab (G) Composite (C)	ANALYSES: Just methylene chloride	ANALYSES: APH
		THIS SECTION FOR LAB USE ONLY															
47696	IA-1-	28622	6.0L	-30	-8.5	10702	11.5	10:29	16:53	2/21	30	9	X			X	
*		12863	6.0L	-30		10565	10.9										
47697	OA-1-	488	6.0L	-30	-7	10594	10.5	10:30	16:54	2/21	30	9	X			X	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-21-23	1830
[signature]	[signature]	2.22.23	15:45

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: ______ Date: ______

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(3) - 6.0L 8 hr
*not used custody intact (initials)
[initials] 2-22-23 [initials] 2/22/23 17:04

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☒
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

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

PHOENIX
Environmental Laboratories, Inc.

Thursday, March 09, 2023

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: **LITTLE TOR**
SDG ID: **GCN54458**
Sample ID#s: **CN54458**

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

March 09, 2023

SDG I.D.: GCN54458

Project ID: LITTLE TOR

Client Id	Lab Id	Matrix
MW-5A	CN54458	GROUND WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 09, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/06/23	13:00
Location Code:	ECMS	Received by:	MMN	03/07/23	17:00
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCN54458
Phoenix ID: CN54458

Project ID: LITTLE TOR
Client ID: MW-5A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Tetrachloroethene	ND	5.0	ug/L	1	03/07/23	MH	SW8260C

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

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

Phyllis Shiller, Laboratory Director
March 09, 2023
Reviewed and Released by: Anil Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 09, 2023

QA/QC Data

SDG I.D.: GCN54458

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 667109 (ug/L), QC Sample No: CN54078 (CN54458)										
Volatiles - Ground Water										
Tetrachloroethene	ND	1.0	106	105	0.9				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

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

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

Phyllis Shiller, Laboratory Director
March 09, 2023

Thursday, March 09, 2023

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCN54458 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

March 09, 2023 SDG I.D.: GCN54458

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

March 09, 2023

SDG I.D.: GCN54458

The samples in this delivery group were received at 2.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email Makrina Nolan: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Cooler: Yes ☑ No ☐ Coolant: IPK ☐ ICE ☐ No ☐
Temp 2.1 °C Pg of

Data Delivery/Contact Options:
☐ Fax:
☒ Phone: (203) 241-1350
☒ Email: hany s@ecmsny.com

Customer: ECMS, Inc
Address: 10 Elmore Drive
New City, NY

Project: Little Tor
Report to: Harry Schmischer
Invoice to:
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 3/6

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = ________ (Other)

Analysis Request: PCE via 8260

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PCE via 8260	MS/MSD*	GL Amber 8 oz. [ ] H3PO4 [ ] NAHSO4	Soil VOA Vials [ ] Methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
54458	MW-5A	GW	3/6	13:00	X		[illegible]				3							

Only Report PCE

Relinquished by:	Accepted by:	Date:	Time:
[signature]	BDA	3-7-23	11:08
BDA	[signature]	3/7/23	17:00

Comments, Special Requirements or Regulations:
- Fastest TAT available
- NY TOGS GW

Turnaround Time:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ (Residential) Direct Exposure
☐ (Comm/Industrial) Direct Exposure
☐ GA Leachability
☐ GB Leachability
☐ GA-GW Objectives
☐ GB-GW Objectives

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1 ☐ MWRA eSMART
☐ GW-2 ☐ S-1 10% CALC
☐ GW-3
☐ S-1 GW-1 ☐ S-1 GW-2 ☐ S-1 GW-3
☐ S-2 GW-1 ☐ S-2 GW-2 ☐ S-2 GW-3
☐ S-3 GW-1 ☐ S-3 GW-2 ☐ S-3 GW-3
☐ SW Protection

State where samples were collected: NY

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

PEL-126 REV. 03/22

APPENDIX E
CAMP Monitoring Data and Graphs

DAILY AIR MONITORING REPORT

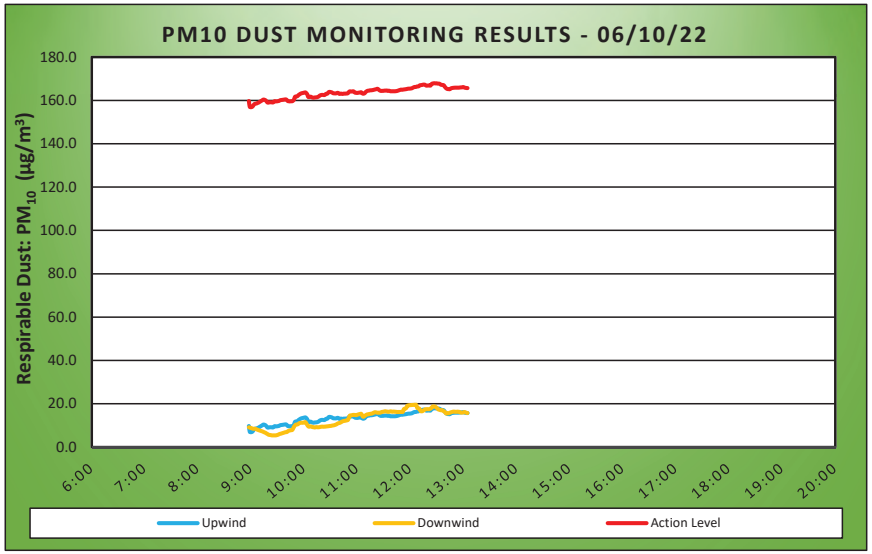
265 Little Tor Road

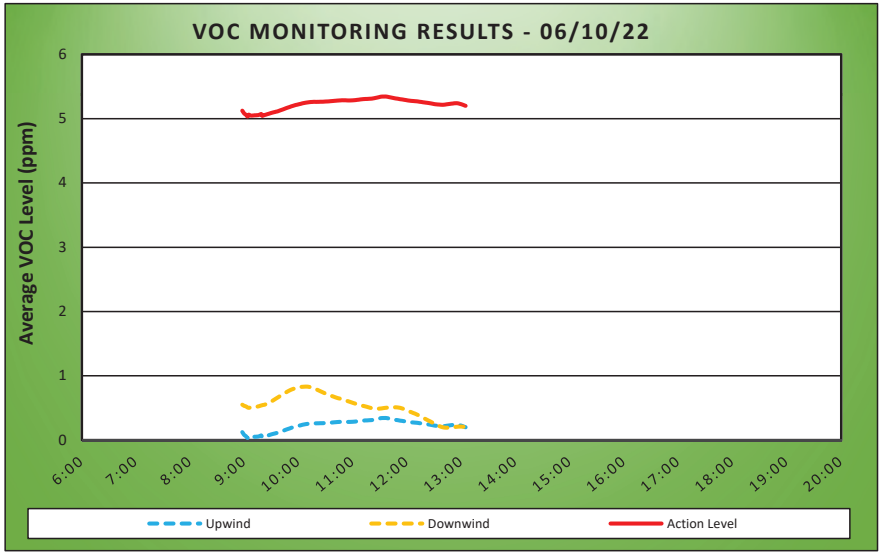
New City, New York

06/10/22	
Project number:	
Page 1 of 1	Rev. No. 0
Submitted By:	
Dust Action Level	150 µg/m^3
TVOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	WNW	Relative Humidity (%)	47.0 - 72.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	65.0 - 74.0	Wind Speed (MPH)	2.8 - 4.5	Barometer (inHg)	29.80 - 29.80			

Station Location Work Area	Daily Avg. Dust Concentration (µg/m^3)	Max 15 Min Dust Concentration (µg/m^3)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	13.5	17.9	12:27	0.2	0.3	11:36
Downwind	13.0	19.5	12:07	0.5	0.8	10:08





Air Monitoring Notes:

Sampling Notes:

Weather Notes:

DAILY AIR MONITORING REPORT

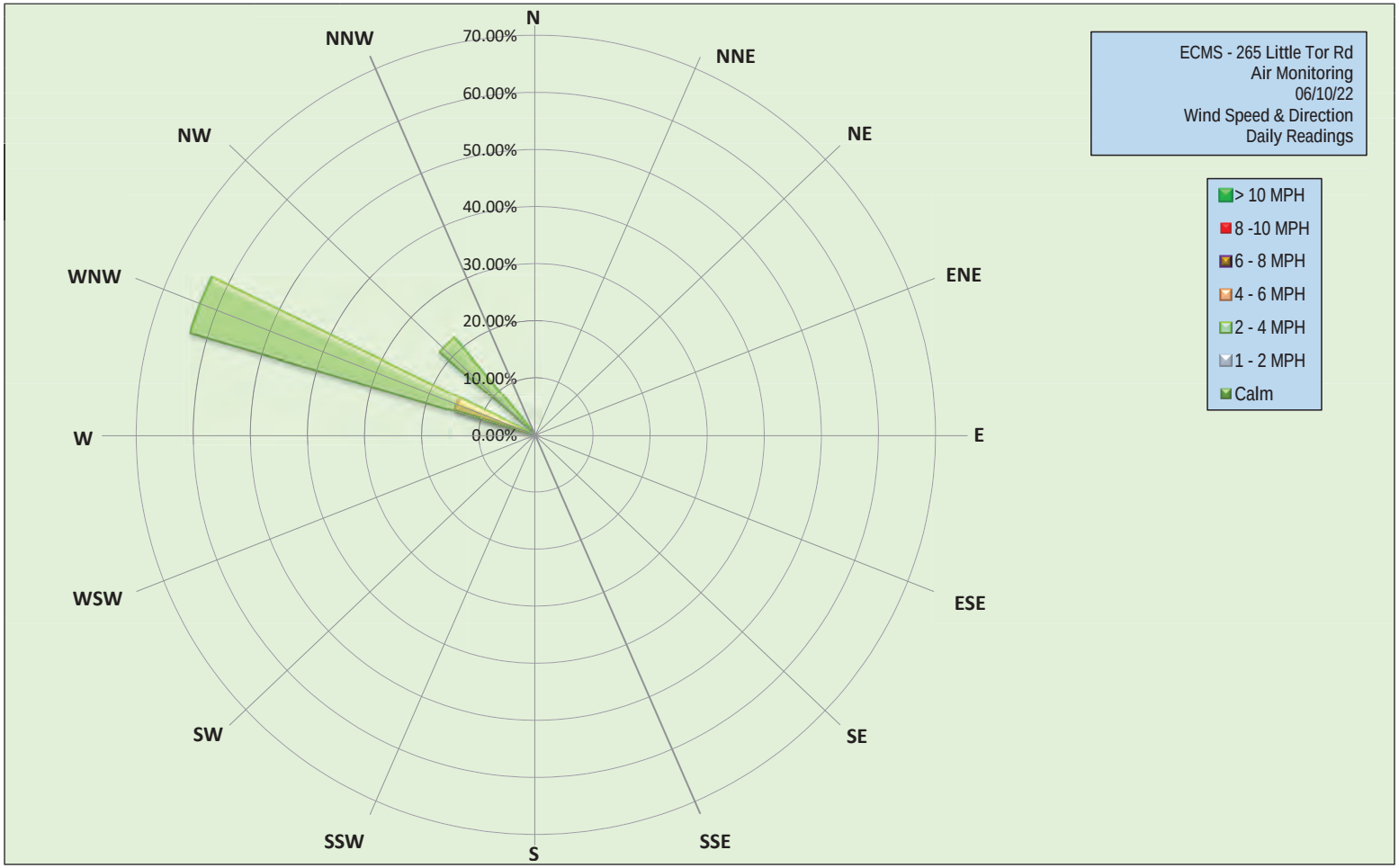
265 Little Tor Road

New City, New York

06/10/22	
Project number:	
Page 1 of 1	Rev. No. 0
Submitted By:	
Dust Action Level	150 µg/m^3
TVOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	WNW	Relative Humidity (%)	47.0 - 72.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	65.0 - 74.0	Wind Speed (MPH)	2.8 - 4.5	Barometer (inHg)	29.80 - 29.80			

Station Location Work Area	Daily Avg. Dust Concentration (µg/m^3)	Max 15 Min Dust Concentration (µg/m^3)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	13.5	17.9	12:27	0.2	0.3	11:36
Downwind	13.0	19.5	12:07	0.5	0.8	10:08



Dust

Friday, June 10, 2022						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
8:43	11.8	-	8:43	11.8	-	-
8:44	47.8	-	8:44	10.8	-	-
8:45	9.8	-	8:45	10.0	-	-
8:46	10.3	-	8:46	10.0	-	-
8:47	8.8	-	8:47	10.0	-	-
8:48	7.8	-	8:48	10.5	-	-
8:49	6.8	-	8:49	9.0	-	-
8:50	6.0	-	8:50	9.0	-	-
8:51	5.5	-	8:51	9.0	-	-
8:52	6.0	-	8:52	9.0	-	-
8:53	5.5	-	8:53	8.5	-	-
8:54	6.0	-	8:54	8.8	-	-
8:55	6.3	-	8:55	8.3	-	-
8:56	6.8	-	8:56	8.0	-	-
8:57	6.0	-	8:57	8.0	-	-
8:58	7.0	9.7	8:58	8.0	9.1	-
8:59	6.8	7.0	8:59	8.5	9.0	-
9:00	8.0	6.9	9:00	8.5	8.9	-
9:01	10.8	6.9	9:01	7.5	8.7	-
9:02	12.0	7.1	9:02	8.0	8.6	-
9:03	15.4	7.6	9:03	9.0	8.5	-
9:04	15.5	8.2	9:04	9.0	8.5	-
9:05	9.3	8.4	9:05	9.3	8.5	-
9:06	7.0	8.5	9:06	6.8	8.3	-
9:07	7.4	8.6	9:07	6.0	8.1	-
9:08	8.8	8.9	9:08	6.0	8.0	-
9:09	8.2	9.0	9:09	6.5	7.8	-
9:10	10.5	9.3	9:10	6.0	7.7	-
9:11	10.3	9.5	9:11	6.0	7.5	-
9:12	10.0	9.8	9:12	6.0	7.4	-
9:13	10.3	10.0	9:13	6.0	7.3	-
9:14	11.5	10.3	9:14	6.0	7.1	-
9:15	8.8	10.4	9:15	5.3	6.9	-
9:16	8.5	10.2	9:16	5.0	6.7	-
9:17	8.8	10.0	9:17	5.0	6.5	-
9:18	8.0	9.5	9:18	5.0	6.3	-
9:19	8.5	9.0	9:19	5.8	6.0	-
9:20	8.5	9.0	9:20	5.0	5.8	-
9:21	8.5	9.1	9:21	5.0	5.6	-
9:22	8.5	9.2	9:22	5.0	5.6	-
9:23	8.3	9.1	9:23	5.0	5.5	-
9:24	8.3	9.1	9:24	5.0	5.4	-
9:25	9.0	9.0	9:25	6.0	5.4	-
9:26	13.8	9.3	9:26	6.0	5.4	-
9:27	15.8	9.7	9:27	6.0	5.4	-
9:28	9.5	9.6	9:28	6.0	5.4	-
9:29	11.0	9.6	9:29	6.8	5.5	-

Friday, June 10, 2022						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:30	9.3	9.6	9:30	7.0	5.6	-
9:31	9.8	9.7	9:31	7.0	5.7	-
9:32	10.0	9.8	9:32	8.0	5.9	-
9:33	11.8	10.0	9:33	7.8	6.1	-
9:34	10.5	10.2	9:34	7.0	6.2	-
9:35	9.3	10.2	9:35	7.0	6.3	-
9:36	9.5	10.3	9:36	7.0	6.4	-
9:37	9.3	10.3	9:37	7.0	6.6	-
9:38	9.5	10.4	9:38	7.0	6.7	-
9:39	9.0	10.5	9:39	7.0	6.8	-
9:40	9.0	10.5	9:40	7.0	6.9	-
9:41	9.0	10.1	9:41	7.0	7.0	-
9:42	9.0	9.7	9:42	10.8	7.3	-
9:43	9.0	9.7	9:43	9.5	7.5	-
9:44	9.5	9.6	9:44	8.8	7.7	-
9:45	10.0	9.6	9:45	8.3	7.7	-
9:46	10.0	9.6	9:46	8.5	7.8	-
9:47	10.3	9.6	9:47	8.8	7.9	-
9:48	16.0	9.9	9:48	18.3	8.6	-
9:49	18.3	10.4	9:49	18.8	9.4	-
9:50	27.0	11.6	9:50	16.3	10.0	-
9:51	12.5	11.8	9:51	12.3	10.3	-
9:52	10.0	11.9	9:52	8.0	10.4	-
9:53	11.8	12.0	9:53	8.3	10.5	-
9:54	15.5	12.5	9:54	11.0	10.8	-
9:55	13.3	12.7	9:55	11.3	11.0	-
9:56	13.3	13.0	9:56	9.0	11.2	-
9:57	12.0	13.2	9:57	11.8	11.2	-
9:58	11.0	13.4	9:58	9.5	11.2	-
9:59	10.8	13.4	9:59	8.5	11.2	-
10:00	11.8	13.6	10:00	10.0	11.3	-
10:01	11.3	13.6	10:01	10.8	11.5	-
10:02	11.0	13.7	10:02	8.8	11.5	-
10:03	10.3	13.3	10:03	9.0	10.9	-
10:04	10.0	12.8	10:04	8.5	10.2	-
10:05	10.0	11.6	10:05	8.0	9.6	-
10:06	11.5	11.6	10:06	8.5	9.4	-
10:07	12.0	11.7	10:07	9.8	9.5	-
10:08	12.0	11.7	10:08	8.5	9.5	-
10:09	12.0	11.5	10:09	8.8	9.4	-
10:10	11.3	11.3	10:10	9.0	9.2	-
10:11	12.0	11.3	10:11	9.0	9.2	-
10:12	13.3	11.3	10:12	9.5	9.1	-
10:13	11.8	11.4	10:13	10.0	9.1	-
10:14	11.3	11.4	10:14	10.0	9.2	-
10:15	12.8	11.5	10:15	9.8	9.2	-
10:16	13.5	11.6	10:16	10.0	9.1	-

Friday, June 10, 2022						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
10:17	14.3	11.9	10:17	9.3	9.2	-
10:18	15.5	12.2	10:18	10.0	9.2	-
10:19	13.0	12.4	10:19	10.0	9.3	-
10:20	11.8	12.5	10:20	9.0	9.4	-
10:21	12.0	12.6	10:21	9.0	9.4	-
10:22	11.5	12.5	10:22	9.0	9.4	-
10:23	11.3	12.5	10:23	9.0	9.4	-
10:24	14.0	12.6	10:24	9.0	9.4	-
10:25	17.5	13.0	10:25	9.8	9.5	-
10:26	12.3	13.0	10:26	10.0	9.6	-
10:27	16.3	13.2	10:27	10.0	9.6	-
10:28	19.8	13.8	10:28	10.8	9.6	-
10:29	13.8	13.9	10:29	11.0	9.7	-
10:30	12.0	13.9	10:30	10.5	9.8	-
10:31	12.0	13.8	10:31	10.8	9.8	-
10:32	12.0	13.6	10:32	11.0	9.9	-
10:33	11.3	13.4	10:33	11.0	10.0	-
10:34	11.8	13.3	10:34	11.0	10.1	-
10:35	11.5	13.3	10:35	11.0	10.2	-
10:36	11.8	13.2	10:36	11.3	10.3	-
10:37	12.8	13.3	10:37	11.8	10.5	-
10:38	13.8	13.5	10:38	13.0	10.8	-
10:39	13.0	13.4	10:39	12.0	11.0	-
10:40	12.0	13.1	10:40	11.5	11.1	-
10:41	12.0	13.0	10:41	12.0	11.2	-
10:42	18.0	13.2	10:42	13.3	11.5	-
10:43	18.3	13.1	10:43	14.3	11.7	-
10:44	13.0	13.0	10:44	14.5	11.9	-
10:45	13.8	13.1	10:45	12.0	12.0	-
10:46	12.3	13.1	10:46	12.0	12.1	-
10:47	12.0	13.1	10:47	12.0	12.2	-
10:48	12.0	13.2	10:48	12.5	12.3	-
10:49	12.0	13.2	10:49	12.5	12.4	-
10:50	14.0	13.4	10:50	13.8	12.6	-
10:51	19.8	13.9	10:51	26.5	13.6	-
10:52	17.0	14.2	10:52	26.0	14.5	-
10:53	13.0	14.1	10:53	14.5	14.6	-
10:54	12.8	14.1	10:54	13.0	14.7	-
10:55	12.5	14.2	10:55	13.0	14.8	-
10:56	13.0	14.2	10:56	13.0	14.9	-
10:57	13.5	13.9	10:57	13.0	14.8	-
10:58	12.8	13.6	10:58	14.0	14.8	-
10:59	13.0	13.6	10:59	13.0	14.7	-
11:00	12.3	13.5	11:00	14.0	14.9	-
11:01	13.0	13.5	11:01	14.0	15.0	-
11:02	13.0	13.6	11:02	14.0	15.1	-
11:03	13.0	13.6	11:03	14.0	15.2	-

Friday, June 10, 2022						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
11:04	13.3	13.7	11:04	14.0	15.3	-
11:05	14.8	13.8	11:05	14.3	15.4	-
11:06	13.0	13.3	11:06	15.3	14.6	-
11:07	13.8	13.1	11:07	16.8	14.0	-
11:08	14.0	13.2	11:08	16.5	14.1	-
11:09	16.3	13.4	11:09	17.8	14.4	-
11:10	20.0	13.9	11:10	17.3	14.7	-
11:11	17.5	14.2	11:11	16.5	15.0	-
11:12	16.8	14.4	11:12	15.3	15.1	-
11:13	14.0	14.5	11:13	14.5	15.1	-
11:14	13.8	14.6	11:14	15.0	15.3	-
11:15	14.0	14.7	11:15	15.0	15.3	-
11:16	13.0	14.7	11:16	15.0	15.4	-
11:17	13.8	14.7	11:17	14.8	15.5	-
11:18	14.0	14.8	11:18	17.3	15.7	-
11:19	14.8	14.9	11:19	16.6	15.8	-
11:20	16.5	15.0	11:20	17.4	16.1	-
11:21	14.5	15.1	11:21	15.5	16.1	-
11:22	15.3	15.2	11:22	15.5	16.0	-
11:23	16.5	15.4	11:23	15.0	15.9	-
11:24	14.0	15.2	11:24	17.5	15.9	-
11:25	14.0	14.8	11:25	17.8	15.9	-
11:26	14.0	14.6	11:26	16.0	15.9	-
11:27	14.0	14.4	11:27	17.0	16.0	-
11:28	14.0	14.4	11:28	17.5	16.2	-
11:29	14.0	14.4	11:29	16.0	16.3	-
11:30	14.2	14.4	11:30	16.3	16.3	-
11:31	14.2	14.5	11:31	16.5	16.4	-
11:32	14.0	14.5	11:32	16.0	16.5	-
11:33	14.3	14.5	11:33	16.0	16.4	-
11:34	14.8	14.5	11:34	16.0	16.4	-
11:35	14.0	14.4	11:35	15.5	16.3	-
11:36	16.0	14.5	11:36	16.0	16.3	-
11:37	14.0	14.4	11:37	16.3	16.4	-
11:38	14.0	14.2	11:38	17.0	16.5	-
11:39	14.0	14.2	11:39	16.5	16.4	-
11:40	14.0	14.2	11:40	16.0	16.3	-
11:41	14.0	14.2	11:41	17.0	16.4	-
11:42	14.0	14.2	11:42	17.0	16.4	-
11:43	14.0	14.2	11:43	16.5	16.3	-
11:44	14.8	14.3	11:44	15.8	16.3	-
11:45	15.0	14.3	11:45	15.3	16.2	-
11:46	16.0	14.5	11:46	16.0	16.2	-
11:47	16.0	14.6	11:47	16.3	16.2	-
11:48	16.8	14.8	11:48	16.0	16.2	-
11:49	16.5	14.9	11:49	16.0	16.2	-
11:50	15.8	15.0	11:50	16.0	16.2	-

Friday, June 10, 2022	
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =	0
Number of Comparable Data Points =	248
Start Time:	8:43
End Time:	13:05

PARTICULATE DATA

Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
11:51	15.0	14.9	11:51	16.0	16.2	-
11:52	15.0	15.0	11:52	16.5	16.3	-
11:53	15.0	15.1	11:53	35.0	17.5	-
11:54	14.8	15.1	11:54	20.5	17.7	-
11:55	15.0	15.2	11:55	16.8	17.8	-
11:56	15.0	15.2	11:56	23.8	18.2	-
11:57	15.5	15.3	11:57	30.5	19.1	-
11:58	15.3	15.4	11:58	17.0	19.2	-
11:59	15.0	15.4	11:59	17.8	19.3	-
12:00	15.3	15.5	12:00	16.3	19.4	-
12:01	17.0	15.5	12:01	16.5	19.4	-
12:02	17.0	15.6	12:02	16.8	19.4	-
12:03	20.0	15.8	12:03	16.5	19.5	-
12:04	19.5	16.0	12:04	16.3	19.5	-
12:05	18.5	16.2	12:05	16.8	19.5	-
12:06	15.3	16.2	12:06	15.8	19.5	-
12:07	16.0	16.3	12:07	16.8	19.5	-
12:08	17.5	16.4	12:08	16.2	18.3	-
12:09	15.0	16.5	12:09	15.0	17.9	-
12:10	16.8	16.6	12:10	16.6	17.9	-
12:11	20.8	17.0	12:11	17.0	17.4	-
12:12	16.8	17.0	12:12	17.8	16.6	-
12:13	16.3	17.1	12:13	16.3	16.5	-
12:14	16.0	17.2	12:14	18.0	16.6	-
12:15	17.0	17.3	12:15	20.8	16.9	-
12:16	17.0	17.3	12:16	19.5	17.1	-
12:17	16.0	17.2	12:17	22.0	17.4	-
12:18	15.3	16.9	12:18	17.3	17.5	-
12:19	18.3	16.8	12:19	17.0	17.5	-
12:20	19.3	16.9	12:20	16.8	17.5	-
12:21	15.8	16.9	12:21	15.0	17.5	-
12:22	16.8	17.0	12:22	18.0	17.5	-
12:23	15.3	16.8	12:23	19.3	17.7	-
12:24	22.8	17.3	12:24	18.8	18.0	-
12:25	23.5	17.8	12:25	23.5	18.5	-
12:26	20.8	17.8	12:26	22.5	18.8	-
12:27	19.0	17.9	12:27	16.8	18.8	-
12:28	16.3	17.9	12:28	15.8	18.7	-
12:29	15.0	17.9	12:29	15.0	18.5	-
12:30	17.8	17.9	12:30	15.0	18.1	-
12:31	15.3	17.8	12:31	15.0	17.8	-
12:32	15.5	17.8	12:32	15.3	17.4	-
12:33	15.0	17.7	12:33	15.3	17.3	-
12:34	15.0	17.5	12:34	15.0	17.1	-
12:35	15.0	17.2	12:35	15.0	17.0	-
12:36	15.0	17.2	12:36	16.0	17.1	-
12:37	15.0	17.1	12:37	15.0	16.9	-

Friday, June 10, 2022						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
12:38	15.0	17.1	12:38	15.0	16.6	-
12:39	15.0	16.5	12:39	15.0	16.3	-
12:40	15.0	16.0	12:40	17.3	15.9	-
12:41	15.0	15.6	12:41	15.5	15.5	-
12:42	15.0	15.3	12:42	19.0	15.6	-
12:43	15.0	15.2	12:43	16.3	15.6	-
12:44	15.0	15.2	12:44	15.0	15.6	-
12:45	16.5	15.2	12:45	18.3	15.9	-
12:46	20.3	15.5	12:46	17.5	16.0	-
12:47	18.3	15.7	12:47	17.0	16.1	-
12:48	16.3	15.8	12:48	17.0	16.3	-
12:49	16.0	15.8	12:49	16.5	16.4	-
12:50	15.5	15.9	12:50	15.0	16.4	-
12:51	15.5	15.9	12:51	15.0	16.3	-
12:52	15.0	15.9	12:52	15.0	16.3	-
12:53	15.0	15.9	12:53	15.3	16.3	-
12:54	15.0	15.9	12:54	15.8	16.4	-
12:55	15.0	15.9	12:55	15.5	16.2	-
12:56	15.8	15.9	12:56	15.5	16.2	-
12:57	15.8	16.0	12:57	15.3	16.0	-
12:58	15.5	16.0	12:58	15.0	15.9	-
12:59	15.5	16.1	12:59	15.3	15.9	-
13:00	18.3	16.2	13:00	18.8	16.0	-
13:01	18.3	16.0	13:01	20.5	16.2	-
13:02	15.8	15.9	13:02	16.8	16.1	-
13:03	15.0	15.8	13:03	14.3	16.0	-
13:04	15.0	15.7	13:04	14.0	15.8	-
13:05	15.0	15.7	13:05	14.0	15.7	-

PID

Friday, June 10, 2022						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:43	0.6	-	8:43	0.6	-	-
8:44	0.3	-	8:44	0.6	-	-
8:45	0.3	-	8:45	0.6	-	-
8:46	0.2	-	8:46	0.6	-	-
8:47	0.1	-	8:47	0.6	-	-
8:48	0.3	-	8:48	0.6	-	-
8:49	0.2	-	8:49	0.6	-	-
8:50	0.1	-	8:50	0.6	-	-
8:51	0.1	-	8:51	0.5	-	-
8:52	0.1	-	8:52	0.5	-	-
8:53	0.0	-	8:53	0.5	-	-
8:54	0.0	-	8:54	0.5	-	-
8:55	0.0	-	8:55	0.5	-	-
8:56	0.0	-	8:56	0.5	-	-
8:57	0.0	-	8:57	0.5	-	-
8:58	0.1	0.1	8:58	0.5	0.6	-
8:59	0.0	0.1	8:59	0.5	0.5	-
9:00	0.0	0.1	9:00	0.5	0.5	-
9:01	0.0	0.1	9:01	0.5	0.5	-
9:02	0.0	0.1	9:02	0.5	0.5	-
9:03	0.0	0.0	9:03	0.5	0.5	-
9:04	0.0	0.0	9:04	0.5	0.5	-
9:05	0.5	0.1	9:05	0.5	0.5	-
9:06	0.0	0.1	9:06	0.5	0.5	-
9:07	0.0	0.0	9:07	0.6	0.5	-
9:08	0.0	0.0	9:08	0.5	0.5	-
9:09	0.0	0.0	9:09	0.5	0.5	-
9:10	0.0	0.0	9:10	0.5	0.5	-
9:11	0.0	0.1	9:11	0.5	0.5	-
9:12	0.0	0.1	9:12	0.5	0.5	-
9:13	0.0	0.1	9:13	0.5	0.5	-
9:14	0.0	0.1	9:14	0.5	0.5	-
9:15	0.0	0.1	9:15	0.5	0.5	-
9:16	0.1	0.1	9:16	0.6	0.5	-
9:17	0.1	0.1	9:17	0.5	0.5	-
9:18	0.1	0.1	9:18	0.6	0.5	-
9:19	0.1	0.1	9:19	0.6	0.5	-
9:20	0.1	0.0	9:20	0.6	0.5	-
9:21	0.1	0.0	9:21	0.6	0.5	-
9:22	0.1	0.1	9:22	0.6	0.5	-
9:23	0.1	0.1	9:23	0.6	0.6	-
9:24	0.1	0.1	9:24	0.6	0.6	-
9:25	0.1	0.1	9:25	0.6	0.6	-
9:26	0.1	0.1	9:26	0.6	0.6	-
9:27	0.1	0.1	9:27	0.6	0.6	-
9:28	0.1	0.1	9:28	0.6	0.6	-
9:29	0.1	0.1	9:29	0.7	0.6	-

Friday, June 10, 2022						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:30	0.1	0.1	9:30	0.7	0.6	-
9:31	0.1	0.1	9:31	0.7	0.6	-
9:32	0.1	0.1	9:32	0.7	0.6	-
9:33	0.1	0.1	9:33	0.7	0.6	-
9:34	0.1	0.1	9:34	0.7	0.6	-
9:35	0.1	0.1	9:35	0.7	0.6	-
9:36	0.1	0.1	9:36	0.7	0.7	-
9:37	0.1	0.1	9:37	0.7	0.7	-
9:38	0.2	0.1	9:38	0.7	0.7	-
9:39	0.2	0.1	9:39	0.7	0.7	-
9:40	0.2	0.1	9:40	0.7	0.7	-
9:41	0.2	0.1	9:41	0.8	0.7	-
9:42	0.2	0.1	9:42	0.8	0.7	-
9:43	0.2	0.1	9:43	0.8	0.7	-
9:44	0.2	0.1	9:44	0.8	0.7	-
9:45	0.2	0.2	9:45	0.8	0.7	-
9:46	0.2	0.2	9:46	0.8	0.7	-
9:47	0.2	0.2	9:47	0.8	0.7	-
9:48	0.2	0.2	9:48	0.8	0.8	-
9:49	0.2	0.2	9:49	0.8	0.8	-
9:50	0.2	0.2	9:50	0.8	0.8	-
9:51	0.2	0.2	9:51	0.8	0.8	-
9:52	0.2	0.2	9:52	0.8	0.8	-
9:53	0.2	0.2	9:53	0.8	0.8	-
9:54	0.2	0.2	9:54	0.8	0.8	-
9:55	0.2	0.2	9:55	0.8	0.8	-
9:56	0.2	0.2	9:56	0.8	0.8	-
9:57	0.2	0.2	9:57	0.8	0.8	-
9:58	0.2	0.2	9:58	0.8	0.8	-
9:59	0.2	0.2	9:59	0.8	0.8	-
10:00	0.3	0.2	10:00	0.8	0.8	-
10:01	0.2	0.2	10:01	0.8	0.8	-
10:02	0.2	0.2	10:02	0.8	0.8	-
10:03	0.3	0.2	10:03	0.8	0.8	-
10:04	0.3	0.2	10:04	0.8	0.8	-
10:05	0.3	0.2	10:05	0.8	0.8	-
10:06	0.3	0.2	10:06	0.8	0.8	-
10:07	0.3	0.2	10:07	0.8	0.8	-
10:08	0.3	0.2	10:08	0.8	0.8	-
10:09	0.3	0.2	10:09	0.8	0.8	-
10:10	0.3	0.3	10:10	0.8	0.8	-
10:11	0.3	0.3	10:11	0.8	0.8	-
10:12	0.3	0.3	10:12	0.8	0.8	-
10:13	0.3	0.3	10:13	0.8	0.8	-
10:14	0.3	0.3	10:14	0.8	0.8	-
10:15	0.3	0.3	10:15	0.8	0.8	-
10:16	0.3	0.3	10:16	0.8	0.8	-

Friday, June 10, 2022						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:17	0.3	0.3	10:17	0.8	0.8	-
10:18	0.3	0.3	10:18	0.8	0.8	-
10:19	0.3	0.3	10:19	0.7	0.8	-
10:20	0.3	0.3	10:20	0.7	0.8	-
10:21	0.3	0.3	10:21	0.7	0.8	-
10:22	0.3	0.3	10:22	0.7	0.8	-
10:23	0.3	0.3	10:23	0.7	0.8	-
10:24	0.3	0.3	10:24	0.7	0.8	-
10:25	0.3	0.3	10:25	0.7	0.8	-
10:26	0.3	0.3	10:26	0.7	0.7	-
10:27	0.3	0.3	10:27	0.7	0.7	-
10:28	0.3	0.3	10:28	0.7	0.7	-
10:29	0.3	0.3	10:29	0.7	0.7	-
10:30	0.3	0.3	10:30	0.7	0.7	-
10:31	0.3	0.3	10:31	0.7	0.7	-
10:32	0.3	0.3	10:32	0.7	0.7	-
10:33	0.3	0.3	10:33	0.7	0.7	-
10:34	0.3	0.3	10:34	0.7	0.7	-
10:35	0.3	0.3	10:35	0.7	0.7	-
10:36	0.3	0.3	10:36	0.7	0.7	-
10:37	0.3	0.3	10:37	0.7	0.7	-
10:38	0.3	0.3	10:38	0.6	0.7	-
10:39	0.3	0.3	10:39	0.6	0.7	-
10:40	0.3	0.3	10:40	0.6	0.7	-
10:41	0.3	0.3	10:41	0.6	0.7	-
10:42	0.3	0.3	10:42	0.6	0.7	-
10:43	0.3	0.3	10:43	0.6	0.7	-
10:44	0.3	0.3	10:44	0.6	0.7	-
10:45	0.3	0.3	10:45	0.6	0.6	-
10:46	0.3	0.3	10:46	0.6	0.6	-
10:47	0.3	0.3	10:47	0.6	0.6	-
10:48	0.3	0.3	10:48	0.6	0.6	-
10:49	0.3	0.3	10:49	0.6	0.6	-
10:50	0.3	0.3	10:50	0.6	0.6	-
10:51	0.3	0.3	10:51	0.6	0.6	-
10:52	0.3	0.3	10:52	0.6	0.6	-
10:53	0.3	0.3	10:53	0.6	0.6	-
10:54	0.3	0.3	10:54	0.6	0.6	-
10:55	0.3	0.3	10:55	0.6	0.6	-
10:56	0.3	0.3	10:56	0.6	0.6	-
10:57	0.3	0.3	10:57	0.6	0.6	-
10:58	0.3	0.3	10:58	0.5	0.6	-
10:59	0.3	0.3	10:59	0.6	0.6	-
11:00	0.3	0.3	11:00	0.6	0.6	-
11:01	0.3	0.3	11:01	0.5	0.6	-
11:02	0.3	0.3	11:02	0.6	0.6	-
11:03	0.3	0.3	11:03	0.5	0.6	-

Friday, June 10, 2022						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:04	0.3	0.3	11:04	0.5	0.6	-
11:05	0.3	0.3	11:05	0.5	0.6	-
11:06	0.3	0.3	11:06	0.5	0.6	-
11:07	0.3	0.3	11:07	0.5	0.5	-
11:08	0.3	0.3	11:08	0.5	0.5	-
11:09	0.3	0.3	11:09	0.5	0.5	-
11:10	0.3	0.3	11:10	0.5	0.5	-
11:11	0.3	0.3	11:11	0.5	0.5	-
11:12	0.3	0.3	11:12	0.5	0.5	-
11:13	0.3	0.3	11:13	0.5	0.5	-
11:14	0.3	0.3	11:14	0.5	0.5	-
11:15	0.3	0.3	11:15	0.5	0.5	-
11:16	0.3	0.3	11:16	0.5	0.5	-
11:17	0.3	0.3	11:17	0.5	0.5	-
11:18	0.3	0.3	11:18	0.5	0.5	-
11:19	0.3	0.3	11:19	0.5	0.5	-
11:20	0.3	0.3	11:20	0.5	0.5	-
11:21	0.3	0.3	11:21	0.5	0.5	-
11:22	0.3	0.3	11:22	0.5	0.5	-
11:23	0.3	0.3	11:23	0.5	0.5	-
11:24	0.3	0.3	11:24	0.5	0.5	-
11:25	0.4	0.3	11:25	0.5	0.5	-
11:26	0.4	0.3	11:26	0.5	0.5	-
11:27	0.4	0.3	11:27	0.5	0.5	-
11:28	0.4	0.3	11:28	0.5	0.5	-
11:29	0.4	0.3	11:29	0.5	0.5	-
11:30	0.4	0.3	11:30	0.5	0.5	-
11:31	0.4	0.3	11:31	0.5	0.5	-
11:32	0.3	0.3	11:32	0.5	0.5	-
11:33	0.3	0.3	11:33	0.5	0.5	-
11:34	0.3	0.3	11:34	0.5	0.5	-
11:35	0.3	0.3	11:35	0.5	0.5	-
11:36	0.3	0.3	11:36	0.5	0.5	-
11:37	0.3	0.3	11:37	0.5	0.5	-
11:38	0.3	0.3	11:38	0.5	0.5	-
11:39	0.3	0.3	11:39	0.5	0.5	-
11:40	0.3	0.3	11:40	0.5	0.5	-
11:41	0.3	0.3	11:41	0.5	0.5	-
11:42	0.3	0.3	11:42	0.5	0.5	-
11:43	0.3	0.3	11:43	0.5	0.5	-
11:44	0.3	0.3	11:44	0.5	0.5	-
11:45	0.3	0.3	11:45	0.5	0.5	-
11:46	0.3	0.3	11:46	0.5	0.5	-
11:47	0.3	0.3	11:47	0.5	0.5	-
11:48	0.3	0.3	11:48	0.5	0.5	-
11:49	0.3	0.3	11:49	0.5	0.5	-
11:50	0.3	0.3	11:50	0.5	0.5	-

Friday, June 10, 2022						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:51	0.3	0.3	11:51	0.5	0.5	-
11:52	0.3	0.3	11:52	0.5	0.5	-
11:53	0.3	0.3	11:53	0.5	0.5	-
11:54	0.3	0.3	11:54	0.4	0.5	-
11:55	0.3	0.3	11:55	0.4	0.5	-
11:56	0.3	0.3	11:56	0.4	0.5	-
11:57	0.3	0.3	11:57	0.4	0.5	-
11:58	0.3	0.3	11:58	0.4	0.5	-
11:59	0.3	0.3	11:59	0.4	0.5	-
12:00	0.3	0.3	12:00	0.4	0.5	-
12:01	0.3	0.3	12:01	0.4	0.5	-
12:02	0.3	0.3	12:02	0.4	0.5	-
12:03	0.3	0.3	12:03	0.4	0.4	-
12:04	0.3	0.3	12:04	0.4	0.4	-
12:05	0.3	0.3	12:05	0.4	0.4	-
12:06	0.3	0.3	12:06	0.4	0.4	-
12:07	0.3	0.3	12:07	0.4	0.4	-
12:08	0.3	0.3	12:08	0.4	0.4	-
12:09	0.3	0.3	12:09	0.4	0.4	-
12:10	0.3	0.3	12:10	0.3	0.4	-
12:11	0.3	0.3	12:11	0.3	0.4	-
12:12	0.2	0.3	12:12	0.3	0.4	-
12:13	0.2	0.3	12:13	0.3	0.4	-
12:14	0.2	0.3	12:14	0.3	0.4	-
12:15	0.3	0.3	12:15	0.3	0.4	-
12:16	0.2	0.3	12:16	0.3	0.4	-
12:17	0.2	0.3	12:17	0.3	0.4	-
12:18	0.2	0.3	12:18	0.3	0.3	-
12:19	0.2	0.3	12:19	0.3	0.3	-
12:20	0.2	0.3	12:20	0.3	0.3	-
12:21	0.2	0.2	12:21	0.3	0.3	-
12:22	0.2	0.2	12:22	0.3	0.3	-
12:23	0.2	0.2	12:23	0.3	0.3	-
12:24	0.2	0.2	12:24	0.3	0.3	-
12:25	0.2	0.2	12:25	0.2	0.3	-
12:26	0.2	0.2	12:26	0.2	0.3	-
12:27	0.2	0.2	12:27	0.2	0.3	-
12:28	0.2	0.2	12:28	0.2	0.3	-
12:29	0.2	0.2	12:29	0.2	0.3	-
12:30	0.2	0.2	12:30	0.2	0.3	-
12:31	0.2	0.2	12:31	0.2	0.3	-
12:32	0.2	0.2	12:32	0.2	0.2	-
12:33	0.2	0.2	12:33	0.2	0.2	-
12:34	0.2	0.2	12:34	0.2	0.2	-
12:35	0.2	0.2	12:35	0.2	0.2	-
12:36	0.2	0.2	12:36	0.2	0.2	-
12:37	0.2	0.2	12:37	0.2	0.2	-

Friday, June 10, 2022						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						248
Start Time:						8:43
End Time:						13:05
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:38	0.2	0.2	12:38	0.2	0.2	-
12:39	0.2	0.2	12:39	0.2	0.2	-
12:40	0.2	0.2	12:40	0.2	0.2	-
12:41	0.2	0.2	12:41	0.2	0.2	-
12:42	0.2	0.2	12:42	0.2	0.2	-
12:43	0.2	0.2	12:43	0.2	0.2	-
12:44	0.2	0.2	12:44	0.2	0.2	-
12:45	0.2	0.2	12:45	0.2	0.2	-
12:46	0.2	0.2	12:46	0.2	0.2	-
12:47	0.2	0.2	12:47	0.2	0.2	-
12:48	0.2	0.2	12:48	0.2	0.2	-
12:49	0.3	0.2	12:49	0.2	0.2	-
12:50	0.2	0.2	12:50	0.2	0.2	-
12:51	0.2	0.2	12:51	0.2	0.2	-
12:52	0.3	0.2	12:52	0.2	0.2	-
12:53	0.2	0.2	12:53	0.2	0.2	-
12:54	0.2	0.2	12:54	0.2	0.2	-
12:55	0.2	0.2	12:55	0.2	0.2	-
12:56	0.2	0.2	12:56	0.2	0.2	-
12:57	0.2	0.2	12:57	0.2	0.2	-
12:58	0.2	0.2	12:58	0.2	0.2	-
12:59	0.2	0.2	12:59	0.2	0.2	-
13:00	0.2	0.2	13:00	0.2	0.2	-
13:01	0.2	0.2	13:01	0.2	0.2	-
13:02	0.2	0.2	13:02	0.2	0.2	-
13:03	0.2	0.2	13:03	0.2	0.2	-
13:04	0.2	0.2	13:04	0.2	0.2	-
13:05	0.2	0.2	13:05	0.2	0.2	-