

3140 Coney Island Ave
Brooklyn, New York
NYSDEC BCP# C224157

PERIODIC REVIEW REPORT

March 31, 2024 through March 31, 2025



SUBMITTED TO:



NYSDEC - Region 2
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, New York 11101

PREPARED FOR:

3140 Coney Island Realty, LLC
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PWGC Project Number: CIR2501

May 2025

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CERTIFICATION

For each institutional or engineering control identified for the Site, I certify that the following statements are true:

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with Site Management Plan for this control;
- Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- Use of the Site is compliant with the environmental easement;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program and generally accepted engineering practices; and
- The information presented in this report is accurate and complete.

I certify that information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Brian Heflich, PE, of 630 Johnson Avenue, Bohemia, NY 11716, am certifying as the Owner's Designated Site Representative for the Site.

Brian Heflich, PE

Name

096470

PE License Number

Brian Heflich

Signature

10/10/2025

Date



Executive Summary

P.W. Grosser Consulting Engineer & Hydrogeologist, PC (PWGC) has prepared the following annual Periodic Review Report on behalf of the property owner, 3140 Coney Island Realty, LLC, to document the implementation of the Site Management Plan (SMP) at 3140 Coney Island Avenue in Brooklyn, New York (the Site). The Site was remediated under the oversight of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) #C224157.

The site operated as a drycleaner for over 50 years prior to redevelopment. Several investigations were performed across the site which identified the primary contaminant of concern as tetrachloroethylene (PCE). Impact was identified in the soil (maximum PCE concentration of 3,400 parts per million [ppm]), groundwater (maximum PCE concentration of 340,000 µg/L), and soil vapor (maximum concentration of PCE of 2,660 µg/m³), in addition to PCE's degradation products. The majority of the groundwater contamination was limited to the shallow groundwater table with minimal impact to deeper groundwater. The site was determined to pose a significant threat to human health and the environment prior to remediation.

The site was remediated through the removal of 1,268.03 tons of impacted soils, a 1,100-gallon fuel oil underground storage tank (UST), two applications of chemical oxidants to the soil and groundwater, installation of a soil vapor extraction (SVE) system, installation of a composite cover system, recording of an environmental easement, and implementation of a Site Management Plan (SMP). The site received a Certificate of Completion in December 2015. The SMP currently consists of the continued operation of the SVE system, annual groundwater sampling, and an annual site inspection.

During this reporting period (March 31, 2024 to March 30, 2025), groundwater analytical results have remained non-detect or near non-detect in the majority of the monitoring well network. Only one monitoring well has continued to exceed groundwater standards in the nine years since the remedial action was completed with a total volatile organic compound (TVOC) concentration this reporting period of 191 µg/L which is a significant decrease (95%) from the post-remedial maximum TVOC concentration of 3,460 observed in 2016. Vinyl chloride concentrations have also remained at historically low concentrations since 2021.

The effluent from the SVE system still has detectable concentrations of chlorinated solvents; however, the TVOC concentration from the 2025 sample (190 µg/m³) is also significantly lower than the maximum concentration observed at system start-up in 2015 of 5,998 µg/m³. A total of 36.8801 pounds of TVOCs have been removed by the SVE system since November 10, 2015 and the rate of contaminant removal has reached an asymptotic low.

The site remedy continues to be protective of public health and the environment and is performing as designed in the Remedial Action Work Plan and Final Engineering Report. At this time, PWGC believes that groundwater concentrations and vapor mass contaminant removal have reached asymptotic lows and recommends ceasing



groundwater sampling, decommissioning the monitoring wells, and conducting a soil vapor intrusion investigation to determine if the SVE can be converted to a passive or active SSDS.



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1.0 INTRODUCTION

P.W. Grosser Consulting Engineer & Hydrogeologist, PC (PWGC) has prepared the following annual Periodic Review Report on behalf of the property owner, 3140 Coney Island Realty, LLC, to document the implementation of the Site Management Plan (SMP) at 3140 Coney Island Avenue in Brooklyn, New York (the Site). The Site was remediated under the oversight of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) #C224157.

This report was prepared in accordance with the SMP dated November 2015 and revised July 17, 2018 and NYSDEC DER-10 Section 6.3. The SMP was updated following approval by NYSDEC of recommendations within the 2017 Periodic Review Report which will be further discussed below. This report covers Site activities from March 31, 2024 to March 30, 2025.

1.1 Site Location and Description

The Site is a 0.1 acre property located at 3140 Coney Island Avenue in Brooklyn, New York (see **Figure 1**) on the west side of Coney Island Avenue, bound by residential apartment buildings to the north and south and a single family residential house and vacant lot to the west. The Site is located in the Brighton Beach section of Kings County and is identified as Block 8678 and Lot 64 on the New York City Tax Map. The Site is currently used as a six-story medical office building with limited on-site parking. Prior to the current use, the site was utilized as a drycleaner between approximately 1950 and 2007. A site plan is depicted on **Figure 2**.

For a detailed description of historic environmental Site activities, please refer to the Final Engineering Report dated December 2015.

In accordance with the July 2018 SMP, the August 10, 2020 NYSDEC letter and subsequent emails, and DER-10 Section 6.3, the annual evaluation of site conditions has been conducted during this reporting period. The current operation and maintenance (O&M) plan for the site consists of the following activities:

Monitoring Program	Frequency
Composite Cover System	Annual
Groundwater Monitoring and Sampling	Annual
Groundwater, Vapor, and ISCO Monitoring Well Repairs, Replacement, and Decommissioning	As-Needed
SVE System Effluent Sampling	Annual
SVE System Operational Data	Annual
Vacuum Monitoring Wells	Annual
SSDS Effluent Sampling	Not in operation at this time. Start-up: once the first day, once the first week. Routine: quarterly

The engineering controls (ECs) currently identified at the site include the composite cover system, the SVE system, the SSDS (which will be converted from the existing SVE system in the future), and the contingency in-situ chemical oxidant injection wells. During the March 27, 2025 site visit, PWGC personnel evaluated the above listed ECs which are discussed within their respective sections of this PRR. The site remedy continues to be protective of public health and the environment and is performing as designed in the Remedial Action Work Plan and Final Engineering Report. A copy of the annual site inspection report is included as **Appendix A**.

3.0 GROUNDWATER MONITORING AND SAMPLING

During the reporting period for this PRR, groundwater sampling activities were performed on March 27, 2025. Monitoring wells and manhole covers were inspected for integrity.

3.1 Well Decommissioning

Two monitoring wells were decommissioned during this reporting period following consultation and approval from NYSDEC. Approval emails are included as **Appendix B**. MW-11 continued to be inaccessible since May 2020. Historic well sampling data for MW-11 has been near non-detect since 2014 with only one marginal exceedance occurring in 2015. MW-16 was periodically dry from its installation through 2018 and consistently dry since 2018. A new well, MW-17, was installed in the vicinity of MW-16 to replace MW-16 in 2017; however, PWGC had continued to attempt to gauge MW-16 through the years.

MW-11 and MW-16 were decommissioned in accordance with CP-43: Groundwater Monitoring Well Decommissioning Policy. The CP-43 decommissioning forms for these two wells are included as **Appendix C**.

3.2 Groundwater Monitoring

Groundwater monitoring of the wells consisted of collecting and recording depth to water, depth to light non-aqueous phase liquid (LNAPL), LNAPL thickness, and total well depth measurements for eight groundwater monitoring wells, including the two shallowest wells in the multi-level well, at the Site. Water levels were collected using a Solinst Oil / Water Interface Probe or equivalent. **Figure 3** displays the location of the monitoring wells, groundwater elevation data, and analytical results for this reporting period. Groundwater monitoring data is contained in **Table 1**. LNAPL was not observed during this reporting period.

Throughout the site's environmental investigation and remedial history, dating back to approximately 2010, unsuccessful attempts have been made to create a groundwater flow diagram for this site. Monitoring wells were surveyed multiple times and an evaluation of groundwater elevations at multiple times throughout the day to determine if there was a tidal influence impacting the flow were unsuccessful at determining and or remedying the issue. When evaluating the groundwater table, PWGC will typically exclude the monitoring well in the basement (MW-15) as the groundwater table elevation in this well is consistently approximately 2 feet deeper than the other wells. During this reporting period, ML Well (15-20 feet) is approximately 2 feet shallower than typical readings. Historically, groundwater elevations generally did not differ greatly across the Site at reliable monitoring wells (typically less than 0.2 feet difference between the wells), indicating a flat gradient of groundwater flow. The site's location on Coney Island, which was formerly an island before fill material was brought in to fill portions of the bay side of the island, is near the center of the former island and may explain the generally flat groundwater flow direction.

3.2.1 Groundwater Sampling

During the March 2025 sampling event, groundwater samples were collected from eight of the ten monitoring wells, including the two shallowest intervals of the multi-level monitoring well. A sample could not be collected from monitoring wells MW-11 and MW-16. The monitoring well MW-11 could not be sampled due to an obstruction located in the well and MW-16 could not be sampled due to insufficient water level in the well, which has been a recurring issue at the site.

Groundwater analytical results were compared to the NYSDEC Class GA Groundwater Quality Standards (AWQS) as specified in the Technical Operation and Guidance Series (TOGS 1.1.1) guidance documents dated June 1998 and its addendum dated April 2000.

3.2.2 Sampling Protocol

Wells were purged using a peristaltic pump fitted with disposal polyethylene tubing under low flow conditions. During purging, groundwater parameters (pH, temperature, conductivity, oxygen reduction potential [ORP], turbidity, and dissolved oxygen) were monitored every five minutes with a Horiba U52 water quality instrument or equivalent. When measurements stabilized in accordance with the United States Environmental Protection Agency (USEPA) standard operating procedure EQASOP-GW001, purging was completed and the water quality meter was disconnected. The groundwater sample was then collected directly from the tubing and placed in pre-cleaned laboratory-supplied glassware and packed in a cooler on ice and delivered to Alpha Analytical Laboratories (Alpha) of Westborough, Massachusetts, a New York State Department of Health Environmental Laboratory Approval Program certified laboratory, under chain-of-custody seal. Copies of the groundwater sampling data sheets containing the field parameters recorded and purge volumes for each sampling point during this reporting period are attached in **Appendix D**.

In addition to the routine samples, a MS/MSD sample and a blind duplicate sample were collected during the sampling event. Each sample was analyzed for the presence of VOCs by EPA method 8260. The blind duplicate in the March 2025 sampling event was from ML Well1 (15-20').

3.2.3 Analytical Results

Analytical results for the sampling event during this reporting period are summarized on **Table 2**. The compounds exceeding AWQS consisted of tetrachloroethene (PCE), Trichloroethene (TCE), cis-1,2-dichloroethene (DCE), and vinyl chloride (VC). There were no other exceedances of AWQS.

There were no exceedances of AWQS in the off-site well MW-10 or in on-site wells MW-12, MW-13, MW-15, MW-17, and MLWell1 (35-40') during this reporting period. During this sampling event, there were AWQS exceedances in MW-14 and MLWell1 (15-20'). During this reporting period, MW-14 saw a decrease in total CVOC concentrations (191 µg/L) compared to the previous year's sampling event (357 µg/L), mostly due to a decrease in DCE. VC did increase from 8.6 µg/L in 2024 to 40 µg/L, but this concentration and the results from the four

previous years are still the lowest VC concentrations recorded since 2015. In MLWell1 (15-20'), DCE increased to 27 µg/L and VC increased to 15 µg/L following two years of non-detect or near non-detect concentrations; however, these concentrations are still the lowest concentrations observed over the last several years except for the previous two years.

The highest total chlorinated VOC (CVOC) concentrations have consistently been observed in MW-14 ranging between 3,460 µg/L in June 2016 to as low as 165 µg/L in January 2021. MW-14 is located in the southwest section of the Site, which has historically contained the highest concentrations of chlorinated solvents; a sample collected in 2012 from the now destroyed MW-2, which was installed in the vicinity of MW-14, was nearly 4,00,000 µg/L for TVOCs. Since 2019, CVOC concentrations have remained at historically low concentrations, despite some minor fluctuations, as shown on **Chart 1**; concentrations within MW-14 have decreased 90-95% as compared to the 2016 result and over 99.9% when compared to the destroyed MW-2 concentration.

No other well, since routine monitoring began in October 2015, has had a CVOC concentration greater than 500 µg/L as shown on **Chart 2**. For reference, groundwater samples collected prior to the Remedial Action and post-Remedial Action have been included on **Table 3**. Historical groundwater sample locations are illustrated on **Figure 4**. Laboratory analytical reports during this PRR reporting period are included as **Appendix E**.

As shown on **Chart 2**, the CVOCs in each of the monitoring wells (starting with the October 2015 sampling event) clearly illustrate a downward trend since remediation began. Overall, CVOC concentrations have decreased significantly since the removal of the source material and the chemical applicants and now overall show asymptotically low concentrations or less than AWQs in each well.

As per the August 10, 2020 letter from NYSDEC denying PWGC's petition to cease groundwater sampling, NYSDEC requested a minimum of two additional years of groundwater sampling to confirm an asymptotic trend in the source area and to evaluate VC concentrations. PWGC has prepared **Charts 3 and 4** which document the VC concentrations in wells MW-14 and MLWell1 (15-20'). Both wells have exhibited historically low VC concentrations since in the five sampling rounds since 2021 with minor fluctuations from year to year.

4.0 SOIL VAPOR EXTRACTION SYSTEM MONITORING

The SVE system has been operating within normal parameters during this reporting period. The SVE system did not experience any unexpected shutdowns during this reported period and no non-routine maintenance occurred. Parameter readings collected during this reporting period were within range of their expected values.

PWGC conducted routine SVE system performance monitoring which included a visual inspection of the SVE components, collection of vacuum readings from the on-site vacuum monitoring points, and collection of the annual system effluent sample. In addition, PWGC collected readings of the SVE system hours, which show the system was running properly. The SSDS has not been evaluated as part of this PRR as the system is still operating as a SVE system and has not yet been converted to a SSDS.

4.1 Vacuum Monitoring Points

Vacuum monitoring readings were collected during the annual inspection using a handheld digital manometer; copies of the system performance logs are included as **Appendix F**. Negative pressure was recorded in each monitoring point indicating that the SVE system is sufficiently creating a vacuum beneath the site.

4.2 SVE System Inspection and Sampling

PWGC inspected the SVE system on an annual basis during this reporting period. PWGC inspected the components of the SVE system for optimal performance, including inspecting the moisture separator and the filter. SVE system gauge readings were collected and are included on the system performance logs in **Appendix F**. As of March 27, 2025, the SVE system has operated for a total of 77,029 hours. Following logging of the system parameters, sampling of the SVE system effluent was conducted on March 27, 2025; however, there was an equipment malfunction with the SUMMA canister, so PWGC returned to the site and collected a new sample on April 7, 2025.

4.2.1 Sampling Protocol

The effluent SVE system sample was collected using a laboratory cleaned 6-liter SUMMA vacuum canister and was collected as a grab sample. The canister was transported under proper chain of custody procedures to Alpha for analysis by USEPA method TO-15 for VOCs.

4.2.2 Analytical Results

As shown on **Table 4**, the effluent samples contained detectable concentrations of several compounds, most notably three of the chlorinated solvents of concern: PCE (144 $\mu\text{g}/\text{m}^3$), TCE (5.86 $\mu\text{g}/\text{m}^3$), and DCE (6.26 $\mu\text{g}/\text{m}^3$). The most recent sampling event shows a slight increase in concentrations of PCE and TCE which were 120 $\mu\text{g}/\text{m}^3$ and 6.88 $\mu\text{g}/\text{m}^3$, respectively, and a slight decrease in the concentration of DCE, which was 9.3 $\mu\text{g}/\text{m}^3$ at the most recent prior sampling event in March 2024. VC was not detected in this sampling event or in the March 2024 sampling event. Laboratory analytical reports for sampling during this PRR reporting period are included as **Appendix E**.

A total of 36.8801 pounds of TVOCs have been successfully removed from the subsurface since system start-up on November 10, 2015. Mass contaminant removal calculations are included on **Table 5**. Based upon the determination that acetone and 2-butanone in the June 2017 influent sample was the result of laboratory contamination, the SVE Influent TVOC concentration for June 1, 2017 was modified by subtracting the acetone and 2-butanone concentrations from the TVOC concentration. This modified concentration (1,135 $\mu\text{g}/\text{m}^3$) reduces the total pounds removed between the March and June 2017 sampling events and the June 2017 to July 2018 sampling event. The average flow rate for the mass contaminant removal calculation is based upon the vacuum reading for gauge VI-703, which is located just before the Rotron blower, in accordance with Rotron's 60 Hz Blower Performance curve included as **Appendix G**.

The cumulative mass contaminant removal over time is plotted on **Chart 5**. This chart has been modified from the chart in prior PRRs to better illustrate the reduction in mass contaminant removal over time. The majority of the mass removed occurred within the first two years of operation of the SVE system and has decreased since then which is consistent with reductions in groundwater contaminant concentrations seen over this time period. Based upon the effluent concentrations observed, as well as the decrease in residual impact to the groundwater, PWGC believes that a new soil vapor intrusion study should be performed to determine if the SVE can be converted to an active or passive SSDS.

4.2.3 SVE Effluent Treatment

Upon the startup of the SVE system in 2015, the treatment train included a granulated activated carbon drum to treat the effluent vapor prior to discharge to the atmosphere. After concentrations of CVOCs decreased, an updated AERSCREEN analysis was conducted in 2017 to determine if the carbon treatment was warranted. Based on the March 2017 influent sampling data, both the short-term and long-term ambient air concentrations for PCE, TCE, and DCE were well within DAR-1 ambient air limitations. Furthermore, AERSCREEN analysis of the original influent results from November 2015, when the system was started, also indicated that the short-term and long-term ambient air concentrations were within permitted limitations. The results of this analysis indicated that carbon was no longer warranted; therefore, the carbon drum was disconnected from the treatment train after consultation with the NYSDEC. A copy of the letter petitioning for the disconnection of the carbon drum, as well as the NYSDEC approval and request for the update to the SMP are included as **Appendix B**.

5.0 DATA USABILITY SUMMARY

Analytical data packages obtained from Alpha for each sampling event were sent to Jeri Rossi, a Certified Environmental Analytical Chemist (CEAC), to undergo a systematic data validation to provide assurance that the data was adequate for its intended use. Data validation consists of an evaluation of the following criteria:

- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (CG/MS) Tunes
- Initial and counting Calibrations
- Blanks
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantization Limits and Data Assessment
- Sample Quantization and Compound Identification

A copy of Ms. Rossi's data usability summary reports during this reporting period is provided in **Appendix H**. **Table 2** has been updated, as appropriate, based upon the data validator's review.

6.0 ADDITIONAL ECs AND ICs

6.1 Composite Cover System

The composite cover system, which consists of the concrete slab at grade and the concrete foundation for the basement, was intact with no observable cracks, holes, or patchwork in the concrete with the exception of the known patchwork at the repaired/replaced vapor monitoring points and MW-17 which was conducted in 2017. This patchwork is not affecting the integrity of the composite cover system. The concrete slab covers the entirety of the site.

6.2 In-Situ Chemical Oxidant Injections

As a pre-emptive measure, well sleeves for in-situ chemical oxidant injections were installed as part of the Remedial Action. Based upon current groundwater concentrations, chemical oxidant injections were not warranted during this PRR. The sleeves are still present and viable for installation of future chemical injections, if required.

6.3 Institutional Controls

The following institutional controls (ICs) have been adhered to during this reporting period:

- Compliance with the Environmental Easement and the SMP by the property owner;
- Engineering Controls were operated and maintained as specified in the SMP;
- Engineering Controls were inspected at a frequency and in a manner defined in the SMP;
- Groundwater and soil vapor monitoring was performed as defined in this SMP;
- Data and information pertinent to Site Management of the site was reported at the frequency and in a manner defined in the SMP, albeit with a delay in reporting during this reporting period;
- Site Restrictions
 - The property has been used for restricted residential or lower level uses (commercial use during this reporting period) while the long-term Engineering and Institutional Controls included in the SMP are employed.
 - The property has not been used for a higher level of use, such as unrestricted;
 - All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;
 - The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
 - Vegetable gardens and farming on the property are prohibited;
 - The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or



that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.



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This Periodic Review Report documents activities performed from March 31, 2024 through March 30 2025 in accordance with the Site Management Plan and NYSDEC DER-10 Section 6.3.

During this reporting period, one groundwater sampling event was conducted on March 27, 2025. Analytical results revealed concentrations in MW-14 and MLWell1(15-20') that have exceeded AWQs. The compounds exceeding AWQS consisted of PCE, DCE, TCE, and VC. Overall VOC concentrations have decreased significantly since the removal of the source material and chemical oxidant applications and compounds have continued to breakdown or have illustrated an asymptotic low trend in the on- and off-site wells. During this reporting period, concentrations observed in MW-14 have remained at historically low levels with a 90-95% decrease in CVOC concentrations over the last four years as compared to the maximum MW-14 concentration in 2016 and an over 99.9% decrease in CVOC concentrations when compared to the maximum pre-remedial concentration observed in the vicinity of MW-14. VC concentrations have also remained at historically low values since 2021.

Sampling of the SVE system effluent was conducted on April 7, 2025. During this reporting period, PCE (144 $\mu\text{g}/\text{m}^3$), TCE (5.86 $\mu\text{g}/\text{m}^3$), and DCE (6.26 $\mu\text{g}/\text{m}^3$) were detected; VC was not detected during the sampling event. These concentrations are significantly lower than when the SVE system was started (PCE at 5,530 $\mu\text{g}/\text{m}^3$ in November 2015) and demonstrate that concentrations have reached an asymptotic low. As of March 2025, the system has been operating for 77,029 hours and a total of 36.8801 pounds of TVOCs have been successfully removed from the subsurface. Mass contaminant removal has also reached an asymptotic low.

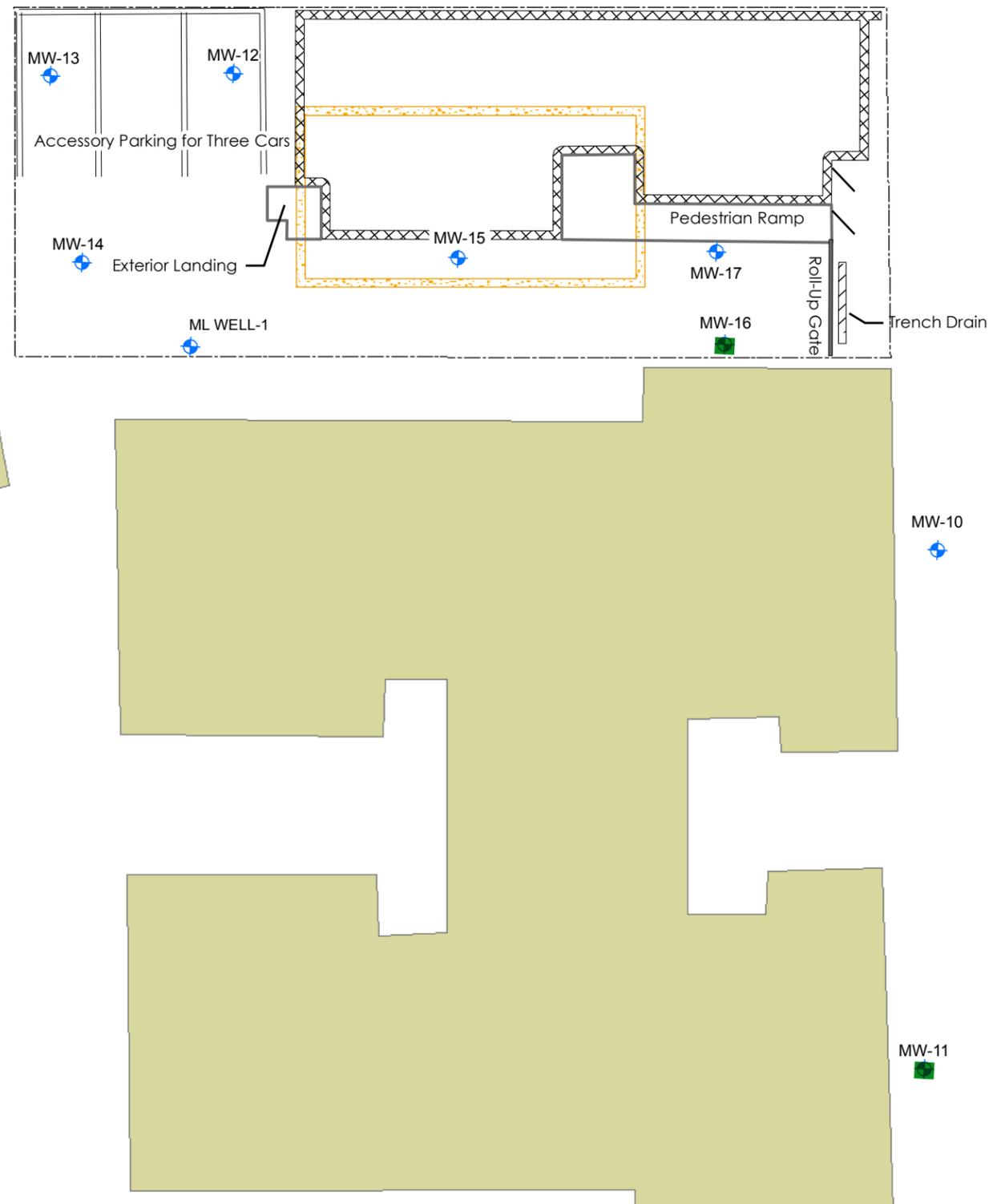
At this time, based on past trends and current sampling data, PWGC offers the following recommendations for the site:

- Reduce groundwater sampling frequency to once every 15 months to account for seasonal variability in groundwater conditions. The next groundwater sampling event will occur in the summer of 2026.
- Update the Site Management Plan prior to the submittal of the next Periodic Review Report to reflect the modification to the sampling frequency.
- Prepare a workplan to conduct a new soil vapor intrusion investigation during the next heating season to determine if the SVE system can be converted to a passive or active SSDS.

- NYSDEC, Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values; June 1998 and addendum April 2000.
- P.W. Grosser Consulting Engineer & Hydrogeologist, PC, Site Management Plan BCP #C224157, November 2015, updated July 17, 2018.
- P.W. Grosser Consulting Engineer & Hydrogeologist, PC, Final Engineering Report BCP #C224157, December 2015.



FIGURES



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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	CIR2301	Designed by:	JL
Date:	3/30/2023	Drawn by:	UC
Scale:	AS SHOWN	Approved by:	JLL

FIGURE NO:

2

SHEET:

MONITORING WELL NETWORK SITE PLAN

3140 CONEY ISLAND AVENUE
BROOKLYN, NEW YORK



- First Floor Exterior Wall
- Cellar Footprint
- Property Boundary
- Adjacent Buildings

- Existing Monitoring Wells
- Decommissioned Monitoring Wells

Document Path: W:\Projects\A-D\CIR\1901\FIG02_MonitoringWells.mxd

TABLES

Table 1

Monitoring Well Field Data
3140 Coney Island Avenue, Brooklyn, New York

Well ID	Reference Elevation	Depth to Bottom	Depth to LNAPL	Depth to Water	LNAPL Thickness	Groundwater Elevation
June 1, 2017						
MW-10	9.60	14.61	NP	8.39	0.00	1.21
MW-11	9.73	15.29	NP	8.64	0.00	1.09
MW-12	9.65	13.11	NP	8.49	0.00	1.16
MW-13	9.89	13.51	NP	8.72	0.00	1.17
MW-14	9.85	12.62	NP	8.74	0.00	1.11
MW-15	2.49	4.63	NP	3.54	0.00	-1.05
MW-16	10.25	9.68	Sheen	9.11	0.00	1.14
ML WELL (15-20')	10.52	20.00	NP	8.93	0.00	1.59
ML WELL (35-40')	NM	40.00	NP	NM	0.00	NM
September 20, 2017						
MW-10	9.60	14.53	NP	8.41	0.00	1.19
MW-11	9.73	14.97	NP	8.56	0.00	1.17
MW-12	9.65	12.85	NP	8.44	0.00	1.21
MW-13	9.89	13.42	NP	8.68	0.00	1.21
MW-14	9.85	12.68	NP	8.70	0.00	1.15
MW-15	2.49	4.60	NP	3.32	0.00	-0.83
MW-16	10.25	9.70	8.99	9.01	0.02	1.24
MW-17	NM	12.20	NP	9.10	0.00	NM
ML WELL (15-20')	10.52	NM	NM	NM	NM	NM
ML WELL (35-40')	NM	NM	NM	NM	NM	NM
December 13, 2017						
MW-10	9.60	14.61	NP	9.22	0.00	0.38
MW-11	9.73	15.29	NP	9.22	0.00	0.51
MW-12	9.65	13.11	NP	9.16	0.00	0.49
MW-13	9.89	13.51	NP	9.30	0.00	0.59
MW-14	9.85	12.62	NP	9.22	0.00	0.63
MW-15	2.49	4.63	NP	4.63	0.00	-2.14
MW-16	10.25	NM	NM	NM	NM	NM
MW-17	NM	11.70	NP	9.89	0.00	NM
ML WELL (15-20')	10.52	19.41	NP	9.52	0.00	1.00
ML WELL (35-40')	NM	NM	NM	NM	NM	NM
March 14, 2018						
MW-10	9.60	14.61	NP	8.64	0.00	0.96
MW-11	9.73	15.29	NP	8.60	0.00	1.13
MW-12	9.65	13.11	NP	8.52	0.00	1.13
MW-13	9.89	13.51	NP	8.70	0.00	1.19
MW-14	9.85	12.62	NP	8.66	0.00	1.19
MW-15	2.49	4.63	NP	3.40	0.00	-0.91
MW-16	10.25	9.45	NM	9.00	0.00	1.25
MW-17	NM	11.70	NP	9.20	0.00	NM
ML WELL (15-20')	10.52	19.41	NP	8.73	0.00	1.79
ML WELL (35-40')	NM	NM	NM	NM	NM	NM
September 5, 2018						
MW-10	9.60	13.92	NP	8.88	0.00	0.72
MW-11	9.73	14.73	NP	9.00	0.00	0.73
MW-12	9.65	12.50	NP	8.94	0.00	0.71
MW-13	9.89	13.23	NP	9.10	0.00	0.79
MW-14	9.85	12.60	NP	9.12	0.00	0.73
MW-15	2.49	4.60	NP	3.95	0.00	-1.46
MW-16	10.25	NM	NM	NM	NM	NM
MW-17	NM	11.48	NP	9.59	0.00	NM
ML WELL (15-20')	10.52	19.41	NP	9.32	0.00	1.20
ML WELL (35-40')	NM	NM	NM	NM	NM	NM

Table 1

Monitoring Well Field Data
3140 Coney Island Avenue, Brooklyn, New York

Well ID	Reference Elevation	Depth to Bottom	Depth to LNAPL	Depth to Water	LNAPL Thickness	Groundwater Elevation
March 6, 2019						
MW-10	9.60	13.29	NP	8.38	0.00	1.22
MW-11	9.73	14.73	NP	8.39	0.00	1.34
MW-12	9.65	12.50	NP	8.80	0.00	0.85
MW-13	9.89	13.23	NP	9.03	0.00	0.86
MW-14	9.85	12.60	NP	9.02	0.00	0.83
MW-15	2.49	4.60	NP	3.47	0.00	-0.98
MW-16	10.25	9.56	NP	9.56	NM	0.69
MW-17	NM	11.53	NP	9.55	0.00	NM
ML WELL (15-20')	10.52	19.41	NP	9.13	0.00	1.39
ML WELL (35-40')	NM	NM	NM	NM	NM	NM
September 19, 2019						
MW-10	9.60	13.29	NP	8.56	0.00	1.04
MW-11	9.73	14.73	NP	8.74	0.00	0.99
MW-12	9.65	12.50	NP	8.71	0.00	0.94
MW-13	9.89	13.23	NP	8.99	0.00	0.90
MW-14	9.85	12.60	NP	8.93	0.00	0.92
MW-15	2.49	4.60	NP	3.88	0.00	-1.39
MW-16	10.25	9.56	NP	9.56	NM	0.69
MW-17	NM	11.53	NP	9.40	0.00	NM
ML WELL (15-20')	10.52	19.41	NP	8.95	0.00	1.57
ML WELL (35-40')	NM	NM	NM	NM	NM	NM
May 11, 2020						
MW-10	9.60	13.29	NP	8.58	0.00	1.02
MW-11	9.73	14.73	NP	NM	0.00	NM
MW-12	9.65	12.50	NP	8.99	0.00	0.66
MW-13	9.89	13.23	NP	9.12	0.00	0.77
MW-14	9.85	12.60	NP	9.20	0.00	0.65
MW-15	2.49	4.60	NP	3.89	0.00	-1.40
MW-16	10.25	9.56	NP	9.56	NM	0.69
MW-17	NM	11.40	NP	9.75	0.00	NM
ML WELL (15-20')	10.52	19.41	NP	9.29	0.00	1.23
ML WELL (35-40')	NM	NM	NM	NM	NM	NM
January 14, 2021						
MW-10	9.60	13.29	NP	8.60	0.00	1.00
MW-11	9.73	NM	NP	NM	0.00	NM
MW-12	9.65	12.50	NP	8.69	0.00	0.96
MW-13	9.89	13.23	NP	9.00	0.00	0.89
MW-14	9.85	12.60	NP	8.94	0.00	0.91
MW-15	2.49	4.60	NP	3.63	0.00	-1.14
MW-16	10.25	9.56	NP	9.56	NM	0.69
MW-17	NM	11.40	NP	9.45	0.00	NM
ML WELL (15-20')	10.52	19.41	NP	9.07	0.00	1.45
ML WELL (35-40')	NM	NM	NM	9.83	NM	NM
March 16, 2022						
MW-10	9.60	13.70	NP	8.82	0.00	0.78
MW-11	9.73	NM	NP	NM	0.00	NM
MW-12	9.65	11.85	NP	9.11	0.00	0.54
MW-13	9.89	13.24	NP	9.38	0.00	0.51
MW-14	9.85	12.42	NP	9.35	0.00	0.50
MW-15	2.49	4.58	NP	4.07	0.00	-1.58
MW-16	10.25	NM	NP	NM	NM	NM
MW-17	NM	11.50	NP	9.73	0.00	NM
ML WELL (15-20')	10.52	18.45	NP	9.43	0.00	1.09
ML WELL (35-40')	NM	NM	NM	NM	NM	NM

Table 1

Monitoring Well Field Data
3140 Coney Island Avenue, Brooklyn, New York

Well ID	Reference Elevation	Depth to Bottom	Depth to LNAPL	Depth to Water	LNAPL Thickness	Groundwater Elevation
March 30, 2023						
MW-10	9.60	13.51	NP	8.71	0.00	0.89
MW-11	9.73	NM	NP	NM	0.00	NM
MW-12	9.65	11.79	NP	8.93	0.00	0.72
MW-13	9.89	13.22	NP	9.15	0.00	0.74
MW-14	9.85	12.55	NP	9.14	0.00	0.71
MW-15	2.49	4.60	NP	3.78	0.00	-1.29
MW-16	10.25	NM	NP	NM	NM	NM
MW-17	NM	11.54	NP	9.46	0.00	NM
ML WELL (15-20')	10.52	22.28	NP	10.11	0.00	0.41
ML WELL (35-40')	NM	43.42	NM	33.30	NM	NM
March 22, 2024						
MW-10	9.60	12.94	NP	8.56	0.00	1.04
MW-11	9.73	7.12	NM	NM	NM	NM
MW-12	9.65	12.23	NP	9.78	0.00	-0.13
MW-13	9.89	14.16	NP	8.78	0.00	1.11
MW-14	9.85	12.64	NP	9.21	0.00	0.64
MW-15	2.49	4.98	NP	3.96	0.00	-1.47
MW-16	10.25	NM	NM	NM	NM	NM
MW-17	NM	11.21	NP	9.76	0.00	NM
ML WELL (15-20')	10.52	22.16	NP	9.98	0.00	0.54
ML WELL (35-40')	NM	44.25	NP	9.68	0.00	NM
March 27, 2025						
MW-10	9.60	12.94	NP	8.62	0.00	0.98
MW-11	9.73	7.12	NM	NM	NM	NM
MW-12	9.65	12.19	NP	9.96	0.00	-0.31
MW-13	9.89	14.16	NP	9.14	0.00	0.75
MW-14	9.85	12.64	NP	9.09	0.00	0.76
MW-15	2.49	4.98	NP	3.80	0.00	-1.31
MW-16	10.25	NM	NM	NM	NM	NM
MW-17	NM	11.21	NP	9.68	0.00	NM
ML WELL (15-20')	10.52	19.86	NP	8.30	0.00	2.22
ML WELL (35-40')	NM	NM	NP	8.27	0.00	NM

Notes:

All measurements in feet

LNAPL - Light non-aqueous phase liquid

Reference elevation is based upon an arbitrary datum

NM - Not Measured

NP - No LNAPL

INC - Inconclusive

Each well is installed near the street surface except MW-15 which is installed in the basement.

Table 2
Monitoring Well Analytical Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:	NYSDEC (1)	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MLWell1 (15-20)	MLWell1 (35-40)	DUP001		
Laboratory ID:	Ambient Water Quality Standards	L2518413-01	3/27/2025	3/22/2024	L2518413-08	L2518413-07	L2518413-06	L2518413-03	L2518413-02	L2518413-04	L2518413-05	L2518413-09		
Sampling Date:		3/27/2025		3/27/2025	3/27/2025	3/27/2025	3/27/2025	3/27/2025	3/27/2025	3/27/2025	3/27/2025	3/27/2025		
Volatile Organic Compounds in µg/L														
1,1,1,2-Tetrachloroethane	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,1,1-Trichloroethane	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,1,2-Tetrachloroethane	5	0.50	U	-	0.50	U	5.0	U	2.0	U	0.50	U	5.0	U
1,1,2-Trichloroethane	1	1.5	U	-	1.5	U	15	U	6.0	U	1.5	U	15	U
1,1-Dichloroethane	5	2.50	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,1-Dichloroethene	5	0.50	U	-	0.50	U	5.0	U	2.0	U	0.50	U	5.0	U
1,1-Dichloropropene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,2,3-Trichlorobenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,2,3-Trichloropropane	0.04	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,2,4,5-Tetramethylbenzene	5	2.0	U	-	2.0	U	20	U	8.0	U	1.5	U	20	U
1,2,4-Trichlorobenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,2,4-Trimethylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,2-Dibromo-3-chloropropane	0.04	2.5	UJ	-	2.5	UJ	25	UJ	10	U	2.5	UJ	25	UJ
1,2-Dibromoethane	0.0006	2.0	U	-	2.0	U	20	U	8.0	U	2.0	U	20	U
1,2-Dichlorobenzene	3	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,2-Dichloroethane	0.6	0.50	U	-	0.50	U	5.0	U	2.0	U	0.50	U	5.0	U
1,2-Dichloropropane	1	1.0	U	-	1.0	U	10	U	4.0	U	1.0	U	10	U
1,3,5-Trimethylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,3-Dichlorobenzene	3	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,3-Dichloropropane	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,4-Dichlorobenzene	3	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,4-Dioxane	NS	250	U	-	250	U	2500	U	1000	U	250	U	2500	U
2,2-Dichloropropane	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
2-Butanone	50	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
2-Hexanone	50	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
4-Methyl-2-pentanone	NS	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
Acetone	50	5.0	UJ	-	5.0	UJ	50	UJ	20	UJ	5.0	UJ	50	UJ
Acrolein														
Acrylonitrile	5	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
Benzene	1	0.50	U	-	0.50	U	5.0	U	2.0	U	0.50	U	5.0	U
Bromobenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Bromochloromethane	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Bromodichloromethane	50	0.50	U	-	0.50	U	5.0	U	2.0	U	0.50	U	5.0	U
Bromoform	50	2.0	UJ	-	2.0	UJ	20	UJ	8.0	UJ	2.0	UJ	20	UJ
Bromomethane	5	2.5	UJ	-	2.5	UJ	25	UJ	10	UJ	2.5	UJ	25	UJ
Carbon disulfide	60	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
Carbon tetrachloride	5	0.50	U	-	0.5	U	5.0	U	2.0	U	0.50	U	5.0	U
Chlorobenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Chloroethane	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Chloroform	7	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Chloromethane	NS	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
cis-1,2-Dichloroethene (DCE)	5	2.5	U	-	1.0	J	25	U	120	U	2.5	U	25	U
cis-1,3-Dichloropropene	0.4	0.50	U	-	0.5	U	5.0	U	2.0	U	0.50	U	5.0	U
Cyclohexane														
Dibromochloromethane	50	0.50	U	-	0.50	U	5.0	U	2.0	U	0.50	U	5.0	U
Dibromomethane	5	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
Dichlorodifluoromethane	5	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
Ethyl ether	NS	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Ethylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Hexachlorobutadiene	0.5	2.5	U	-	2.5	U	25	U	10	UJ	2.5	U	25	U
Isopropylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Methyl tert butyl ether	10	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Methylene chloride	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Methylcyclohexane														
n-Butylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
n-Propylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Naphthalene	10	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
o-Chlorotoluene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
o-Xylene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
p-Chlorotoluene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
p-Xylene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
1,4-Diethylbenzene	NS	2.0	U	-	2.0	U	20	U	8.0	U	2.0	U	20	U
4-Ethyltoluene	NS	2.0	U	-	2.0	U	20	U	8.0	U	2.0	U	20	U
p-Isopropyltoluene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
p/m-Xylene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
sec-Butylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Styrene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
tert-Butyl alcohol (TBA)														
tert-Butylbenzene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Tetrachloroethene (PCE)	5	0.50	U	-	3.8	J	3.7	J	22	U	0.50	U	5.0	U
Toluene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
trans-1,2-Dichloroethene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
trans-1,3-Dichloropropene	0.4	0.50	U	-	0.50	U	5.0	U	2	U	0.50	U	5.0	U
trans-1,4-Dichloro-2-butene	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Trichloroethene (TCE)	5	0.50	U	-	0.98	J	5.0	J	8.9	U	0.50	U	5.0	U
Trichlorofluoromethane	5	2.5	U	-	2.5	U	25	U	10	U	2.5	U	25	U
Vinyl acetate	NS	5.0	U	-	5.0	U	50	U	20	U	5.0	U	50	U
Vinyl chloride (VC)	2	0.19	J	-	1.0	U	10	U	40	J	0.25	J	14	J
Total VOCs:		0.19	NC		5.78	3.7	190.9	1.8	NC	0.0	43.4	0.33	39	
Total Chlorinated VOCs:***		0.19	NC		5.78	3.7	190.9	0.25	NC	0	43.4	0.33	39	

Notes:
 (1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
 NC - Not collected
 NS - No Standard
 NA - Not Analyzed
 DUP001 is a blind duplicate of sample ML Well 1 (15-20)
 J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
 U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The associated numerical value is the sample quantification limit.
 UJ - The analyte was not detected above the reported sample quantification limit. QC analysis failed outside primary acceptance limits. UJ data may be biased low
 E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument
 Highlighted values indicate exceedance of the NYSDEC AWQS

Table 3
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:	NYSDEC (1) Ambient Water Quality Standards	B-2 9-13' 9/28/2007	B-3 9-13' 9/28/2007	B-4 9-13' 9/28/2007	B-5 9-13' 9/28/2007	B-6 9-13' 9/28/2007	B-7 9-13' 9/28/2007	10-14' 1/13/2010	21-25' 1/13/2010	33-37' 1/13/2010	48-52' 1/13/2010	10-14' 1/13/2010	21-25' 1/13/2010	33-37' 1/13/2010	48-52' 1/13/2010	10-14' 1/13/2010	21-25' 1/13/2010	33-37' 1/13/2010	48-52' 1/13/2010
Volatile Organic Compounds in µg/L																			
1,1,1,2-Tetrachloroethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,1,1-Trichloroethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,1,2-Trichloroethane	1	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,1-Dichloroethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,1-Dichloroethene	5	5 U	5 U	5 U	25 U	5 U	5 U	ND	ND	ND	ND	1.9	ND	ND	ND	1.6	3.8	ND	ND
1,1-Dichloropropene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,2,3-Trichloropropane	0.04	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,2,4,5-Tetramethylbenzene	NS	NA	NA	NA	NA	NA	NA	700	0.96 J	ND	ND	43	1.2	ND	2.8	7.3	1.6	ND	ND
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	ND											
1,2,4-Trimethylbenzene	5	16	63	36	25 U	5 U	5 U	ND	ND	ND	ND	65	0.54 J	ND	ND	2	ND	ND	0.61 J
1,2-Dibromo-3-chloropropane	0.04	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,2-Dibromoethane	0.0006	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,2-Dichlorobenzene	3	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,2-Dichloroethane	0.6	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,2-Dichloropropane	NS	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,3,5-Trimethylbenzene	1	6	21	9	25 U	5 U	5 U	ND	ND	ND	ND	27	ND	ND	ND	0.99 J	ND	ND	ND
1,3-Dichlorobenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,3-Dichloropropane	3	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,4-Dichlorobenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
1,4-Dioxane	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NS	5 U	5 U	5 U	25 U	5 U	5 U	NA											
2-Butanone	5	10 U	10 U	10 U	50 U	10 U	10 U	NA											
2-Hexanone	50	5 U	5 U	5 U	25 U	5 U	5 U	NA											
4-Methyl-2-pentanone	NS	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Acetone	50	50 U	50 U	50 U	250 U	50 U	50 U	NA											
Acrylonitrile	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	1.9	6.37	1.03	3.5 U	0.7 U	0.7 U	ND	0.98 J	ND	ND	ND	ND						
Bromobenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Bromochloromethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Bromodichloromethane	50	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Bromoform	50	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Bromomethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Carbon disulfide	60	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Carbon tetrachloride	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Chlorobenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Chloroethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Chloroform	7	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Chloromethane	NS	5 U	5 U	5 U	25 U	5 U	5 U	NA											
cis-1,2-Dichloroethene (DCE)	5	12,800	670	114	568	33	17	ND	ND	ND	ND	470	1.3	0.68 J	ND	940	1,200	2.8	4.2
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Dibromochloromethane	50	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Dibromomethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Dichlorodifluoromethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Ethyl ether	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	5 U	15	5 U	25 U	5 U	5 U	16 J	ND	ND	ND	5.9	ND						
Hexachlorobutadiene	0.5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Isopropylbenzene	5	5 U	11	5 U	25 U	5 U	5 U	11 J	ND	ND	ND	5.7	ND	ND	0.75 J	ND	ND	ND	ND
Methyl tert butyl ether	10	5 U	5 U	5 U	25 U	5 U	5 U	ND	ND	ND	0.72 J	ND							
Methylene chloride	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
n-Butylbenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	24	ND	ND	ND	5.8	ND	ND	3.1	ND	ND	ND	ND
n-Propylbenzene	5	5 U	16	5 U	25 U	5 U	5 U	25	ND	ND	ND	13	ND	ND	0.66 J	ND	ND	ND	ND
Naphthalene	10	6	36	21	25 U	5 U	5 U	21	ND	ND	ND	2.2 C	ND	ND	0.67 J	ND	ND	ND	ND
o-Chlorotoluene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
o-Xylene	5	5 U	7	5 U	25 U	5 U	5 U	ND	ND	ND	ND	1.6	ND						
p-Chlorotoluene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
p-Diethylbenzene	NS	NA	NA	NA	NA	NA	NA	80	ND	ND	ND	29	0.6 J	ND	ND	3.8	0.66 J	ND	0.68 J
p-Ethyltoluene	NS	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	14	ND	ND	0.69 J	ND	ND	ND	ND
p-Isopropyltoluene	5	5 U	5 U	5 U	25 U	5 U	5 U	ND	ND	ND	ND	17	ND	ND	0.67 J	ND	ND	ND	ND
p/m-Xylene	5	10 U	29	10 U	50 U	10 U	10 U	ND	ND	ND	ND	4.3	ND						
sec-Butylbenzene	5	5 U	6	5 U	25 U	5 U	5 U	23	ND	ND	ND	7.6	ND	ND	ND	1.1	ND	ND	ND
Styrene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
tert-Butylbenzene	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Tetrachloroethene (PCE)	5	22	105	8	25 U	31	14	20	1.3	1.2	1.7	20,000	86	53	18	72	220 C	8.3	35
Toluene	5	5 U	8	5 U	25 U	5 U	5 U	ND	ND	ND	ND	1.1	ND						
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	25 U	5 U	5 U	16 J	ND	ND	ND	11	ND	ND	5.2	8.8	ND	ND	ND
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	25 U	5 U	5 U	NA											
trans-1,4-Dichloro-2-butene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	5	1,700	20	5 U	25 U	7	5 U	ND	ND	ND	ND	1,600	4.4	2.2	ND	120	330	0.77 J	1.4
Trichlorofluoromethane	5	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Vinyl acetate	NS	5 U	5 U	5 U	25 U	5 U	5 U	NA											
Vinyl chloride VC	2	2,080	382	46	63	18	5 U												

Table 3
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	GW-4				GW-5				GW-6				GW-7				GW-8								
		10-14' 1/14/2010	21-25' 1/14/2010	33-37' 1/14/2010	48-52' 1/14/2010																					
Volatile Organic Compounds in µg/L																										
1,1,1,2-Tetrachloroethane	5	NA																								
1,1,1-Trichloroethane	5	NA																								
1,1,2,2-Tetrachloroethane	5	NA																								
1,1,2-Trichloroethane	1	NA																								
1,1-Dichloroethane	5	NA																								
1,1-Dichloroethene	5	ND	9.3	ND																						
1,1-Dichloropropene	5	NA																								
1,2,3-Trichlorobenzene	5	NA																								
1,2,3-Trichloropropane	0.04	NA																								
1,2,4,5-Tetramethylbenzene	NS	ND	16	3.8	ND	0.97	J	ND	ND	ND	ND	29	1.1	ND	0.74	J										
1,2,4-Trichlorobenzene	5	ND	ND																							
1,2,4-Tetramethylbenzene	5	ND	10	0.66	J	ND	0.68	J	ND	ND	ND	ND	42	ND	ND	ND										
1,2-Dibromo-3-chloropropane	0.04	NA	NA																							
1,2-Dibromoethane	0.0006	NA	NA																							
1,2-Dichlorobenzene	3	NA	NA																							
1,2-Dichloroethane	0.6	NA	NA																							
1,2-Dichloropropane	NS	NA	NA																							
1,3,5-Tetramethylbenzene	1	ND	5	ND	17	ND	ND	ND																		
1,3-Dichlorobenzene	5	NA	NA																							
1,3-Dichloropropene	3	NA	NA																							
1,4-Dichlorobenzene	5	NA	NA																							
1,4-Dioxane	3	NA	NA																							
2,2-Dichloropropane	NS	NA	NA																							
2-Butanone	5	NA	NA																							
2-Hexanone	50	NA	NA																							
4-Methyl-2-pentanone	NS	NA	NA																							
Acetone	50	NA	NA																							
Acrylonitrile	5	NA	NA																							
Benzene	1	ND	ND																							
Bromobenzene	5	NA	NA																							
Bromochloromethane	5	NA	NA																							
Bromodichloromethane	50	NA	NA																							
Bromoform	50	NA	NA																							
Bromomethane	5	NA	NA																							
Carbon disulfide	60	NA	NA																							
Carbon tetrachloride	5	NA	NA																							
Chlorobenzene	5	NA	NA																							
Chloroethane	5	NA	NA																							
Chloroform	7	NA	NA																							
Chloromethane	NS	NA	NA																							
cis-1,2-Dichloroethene (DCE)	5	ND	ND	ND	1.6	ND	ND	ND	ND	5.1	260	2.4	ND	ND	ND	ND	ND	ND	160	1.9	2	2				
cis-1,3-Dichloropropene	0.4	NA	NA																							
Dibromochloromethane	50	NA	NA																							
Dibromomethane	5	NA	NA																							
Dichlorodifluoromethane	5	NA	NA																							
Ethyl ether	NS	NA	NA																							
Ethylbenzene	5	ND	0.74	J	ND	2.8	ND	ND	ND																	
Hexachlorobutadiene	0.5	NA	NA																							
Isopropylbenzene	5	ND	1.1	ND	1.8	ND	ND	ND																		
Methyl tert butyl ether	10	11	11	21	350	ND	2	ND	ND																	
Methylene chloride	5	NA	NA																							
n-Butylbenzene	5	ND	0.91	J	ND	2.7	ND	ND	ND																	
n-Propylbenzene	5	ND	1.6	ND	4.4	ND	ND	ND																		
Naphthalene	10	ND	70	ND	ND	ND	ND	ND	0.83	J	9.3	ND	ND	ND	ND											
o-Chlorotoluene	5	NA	NA																							
o-Xylene	5	ND	0.68	J	ND	2.3	ND	ND	ND																	
p-Chlorotoluene	5	NA	NA																							
p-Diethylbenzene	NS	ND	8.8	1.5	ND	0.6	J	ND	ND	ND	ND	23	ND	ND	ND											
p-Ethyltoluene	NS	ND	1.6	ND	7.7	ND	ND	ND																		
p-Isopropyltoluene	5	ND	1.6	ND	6.4	ND	ND	ND																		
p/m-Xylene	5	ND	2.4	ND	ND	ND																				
sec-Butylbenzene	5	ND	1.2	0.85	J	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND											
Styrene	5	NA	NA																							
tert-Butylbenzene	5	NA	NA																							
Tetrachloroethene (PCE)	5	1.9	1.4	1.4	2.7	ND	0.91	J	ND	19	11	5.8	14	0.84	JC	ND	0.84	JC	0.92	J	7.5	0.88	J	0.63	JC	1.3
Toluene	5	ND	ND	ND	ND	26	ND	0.7	J	ND	ND	ND														
trans-1,2-Dichloroethene	5	ND	ND	ND	ND																					

Table 3
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	GW-9				GW-10				GW-11				OSB-1				OSB-2			
		10-14' 1/15/2010	21-25' 1/15/2010	33-37' 1/15/2010	48-52' 1/15/2010	10-14' 1/15/2010	21-25' 1/15/2010	33-37' 1/15/2010	48-52' 1/15/2010	10-14' 1/15/2010	21-25' 1/15/2010	33-37' 1/15/2010	48-52' 1/15/2010	10-12' 4/28/2011	23-25' 4/28/2011	35-37' 4/28/2011	50-52' 4/28/2011	10-12' 4/28/2011	23-25' 4/28/2011	35-37' 4/28/2011	50-52' 4/28/2011
Volatile Organic Compounds in µg/L																					
1,1,1,2-Tetrachloroethane	5	NA																			
1,1,1-Trichloroethane	5	NA																			
1,1,2,2-Tetrachloroethane	5	NA																			
1,1,2-Trichloroethane	1	NA																			
1,1-Dichloroethane	5	NA																			
1,1-Dichloroethene	5	ND																			
1,1-Dichloropropene	5	NA																			
1,2,3-Trichlorobenzene	5	NA																			
1,2,3-Trichloropropane	0.04	NA																			
1,2,4,5-Tetramethylbenzene	NS	8.8	ND	ND	ND	3.4	ND	ND	ND	1.1	ND	ND	4.6	0.25 J	0.4 J	1.1 J	ND	2.3 J	2.2 J	2.5	ND
1,2,4-Trichlorobenzene	5	ND																			
1,2,4-Tetramethylbenzene	5	9.1	ND	0.6 J	ND	1.6	ND	ND	ND	ND	ND	ND	1.4 J	0.37 J	0.63 J	2 J	ND	1.6 J	ND	6.8	ND
1,2-Dibromo-3-chloropropane	0.04	NA																			
1,2-Dibromoethane	0.0006	NA																			
1,2-Dichlorobenzene	3	NA																			
1,2-Dichloroethane	0.6	NA																			
1,2-Dichloropropane	NS	NA																			
1,3,5-Tetramethylbenzene	1	2	ND	0.92 J	ND	0.89 J	ND	2.8	ND												
1,3-Dichlorobenzene	5	NA																			
1,3-Dichloropropene	3	NA																			
1,4-Dichlorobenzene	5	NA																			
1,4-Dioxane	3	NA																			
2,2-Dichloropropane	NS	NA																			
2-Butanone	5	NA																			
2-Hexanone	50	NA																			
4-Methyl-2-pentanone	NS	NA																			
Acetone	50	NA																			
Acrylonitrile	5	NA																			
Benzene	1	0.61 J	ND	2.4	ND																
Bromobenzene	5	NA																			
Bromochloromethane	5	NA																			
Bromodichloromethane	50	NA																			
Bromoform	50	NA																			
Bromomethane	5	NA																			
Carbon disulfide	60	NA																			
Carbon tetrachloride	5	NA																			
Chlorobenzene	5	NA																			
Chloroethane	5	NA																			
Chloroform	7	NA																			
Chloromethane	NS	NA																			
cis-1,2-Dichloroethene (DCE)	5	3.8	ND	0.68 J	ND	2	ND	ND	ND	ND	ND	ND	3.2	5.2	1	0.99	27,000	72	300	65	ND
cis-1,3-Dichloropropene	0.4	NA																			
Dibromochloromethane	50	NA																			
Dibromomethane	5	NA																			
Dichlorodifluoromethane	5	NA																			
Ethyl ether	NS	NA																			
Ethylbenzene	5	ND	0.38 J																		
Hexachlorobutadiene	0.5	NA																			
Isopropylbenzene	5	0.53 J	ND	8.1	ND																
Methyl tert butyl ether	10	ND	ND	ND	ND	0.56 J	ND	0.62 J	1.1	ND	ND	ND	ND	ND	0.57 J						
Methylene chloride	5	NA																			
n-Butylbenzene	5	0.75 J	ND	ND	ND	0.94 J	ND	ND	ND	ND	ND	ND	1.7	ND	0.58						
n-Propylbenzene	5	0.9 J	ND	2.9	ND	0.61															
Naphthalene	10	2.4	ND	0.8 J	ND	ND	0.8 J	ND	0.96 J												
o-Chlorotoluene	5	NA																			
o-Xylene	5	ND																			
p-Chlorotoluene	5	NA																			
p-Diethylbenzene	NS	1.2	ND	ND	ND	0.56 J	ND	ND	ND	ND	ND	ND	22	ND	0.15 J	0.44 J	ND	1 J	2 J	0.91 J	ND
p-Ethyltoluene	NS	1.2	ND	0.77 J																	
p-Isopropyltoluene	5	1.3	ND																		
p/m-Xylene	5	ND	0.53 J	ND																	
sec-Butylbenzene	5	0.9 J	ND	4.2	ND																
Styrene	5	NA																			
tert-Butylbenzene	5	NA																			
Tetrachloroethene (PCE)	5	2.9	0.64 J	1.3	0.97 J	ND	ND	ND	ND	ND	1.3 C	ND	1	0.8	ND	ND	ND	6.5	7.7	14	ND
Toluene	5	ND																			
trans-1,2-Dichloroethene	5	0.58 J	ND																		
trans-1,3-Dichloropropene	0.4	NA																			
trans-1,4-Dichloro-2-butene	5	NA																			
Trichloroethene (TCE)	5	ND	0.66	1.4	2.4	ND	1.1	ND	ND	ND											
Trichlorofluoromethane	5	NA																			
Vinyl acetate	NS	NA																			
Vinyl chloride VC	2	2.3	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	15	5.5	ND	ND	8,300	24	10	ND	ND
Total VOCs	NS	39	1	3	1	12	1	0	0	2	0	2	67	13	5	8	35,300	109	322	96	ND
Total CVOCs	NS	9	1	2	1	5	0	0	0	0	0	1	19	12	2	3	35,300	104	318	79	ND

Notes
 (1) NYSDEC Ambient Water Quality Standards and Guidance
 CVOCs = PCE, TCE, DCE, and VC
 NC - Not collected
 ND - Not detected
 NS - No Standard
 NA - Not Analyzed
 J - Data indicates the presence of a compound that meets the standard but was not detected at the sampling location
 U - The analyte was analyzed for, but was not detected at the sampling location
 E - Concentration of analyte exceeds the range of the standard
 Highlighted values indicate exceedance of the NYSDEC A

Table 3
 Historic Groundwater Sampling Results
 3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	TP-001 10/7/2014 L1423615-04	TP-002 10/9/2014 L1423615-05	TP-003 10/9/2014 L1424055-01	TP-004 10/9/2014 L1424055-02	TP-005 5/11/2015 L1510117-01	TP-006 5/11/2015 L1510117-02	15-20' 9/30/2013 L1319520-12	35-40' 9/30/2013 L1319520-13	MLWell2 55-60' 9/30/2013 L1319520-14	75-80' 9/30/2013 L1319520-15	95-100' 9/30/2013 L1319520-16	115-120' 9/30/2013 L1319520-17	MW-1 7/19/2012 L1212940-01	MW-2 7/19/2012 L1212940-02	MW-3 7/19/2012 L1212940-03	MW-4 7/19/2012 L1212940-04	MW-5 9/30/2013 L1212940-05	MW-6 7/19/2012 L1212940-06	MW-7 7/19/2012 L1212940-07	MW-8 9/30/2013 L1319520-03	MW-9 9/30/2013 L1319520-04	MW-10 9/30/2013 L1319520-05			
Volatile Organic Compounds in µg/L																										
1,1,1,2-Tetrachloroethane	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	3 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,1,2,2-Tetrachloroethane	5	7 U	0.36 U	0.14 U	36 U	0.14 U	0.14 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	
1,1,2-Trichloroethane	1	25 U	1.2 U	0.5 U	120 U	0.5 U	0.5 U	15 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	75 U	1,500 U	30 U	3.8 U	6 U	1.5 U	1.5 U	1.5 U	150 U	1.5 U	1.5 U	1.5 U	
1,1-Dichloroethane	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	0.97 J	2.5 U	2.5 U	
1,1-Dichloroethene	5	7 U	0.44 J	0.64	47 J	0.15 J	0.14 U	5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	
1,1-Dichloropropene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,2,3-Trichlorobenzene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,2,3-Trichloropropane	0.04	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,2,4,5-Tetramethylbenzene	NS	32 U	1.6 U	2.4	160 U	0.65 U	12	20 U	2 U	2 U	2 U	2 U	2 U	100 U	2,000 U	40 U	5 U	8 U	3.3 J	2.1	2.8	200 U	2 U	2 U	12	
1,2,4-Trichlorobenzene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,2,4-Trimethylbenzene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	1,400 J	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,2-Dibromo-3-chloropropane	0.04	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,2-Dibromoethane	0.006	32 U	1.6 U	0.65 U	160 U	0.65 U	0.65 U	20 U	2 U	2 U	2 U	2 U	2 U	100 U	2,000 U	40 U	5 U	8 U	2 U	2 U	2 U	200 U	2 U	2 U	2 U	
1,2-Dichlorobenzene	3	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,2-Dichloroethane	0.6	7 U	0.33 U	0.13 U	33 U	0.13 U	0.13 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	
1,2-Dichloropropane	NS	7 U	0.33 U	0.13 U	33 U	0.13 U	0.13 U	10 U	1 U	1 U	1 U	1 U	1 U	50 U	1,000 U	20 U	2.5 U	4 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	1	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,3-Dichlorobenzene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,3-Dichloropropane	3	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,4-Dichlorobenzene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
1,4-Dioxane	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA									
2,2-Dichloropropane	NS	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
2-Butanone	5	97 U	4.8 U	1.9 U	480 U	1.9 U	1.9 U	50 U	5 U	5 U	5 U	5 U	5 U	250 U	5,000 U	100 U	12 U	20 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U	
2-Hexanone	50	50 U	2.5 U	1 U	250 U	1 U	1 U	50 U	5 U	5 U	5 U	5 U	5 U	250 U	5,000 U	100 U	12 U	20 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U	
4-Methyl-2-pentanone	NS	50 U	2.5 U	1 U	250 U	1 U	1 U	50 U	5 U	5 U	5 U	5 U	5 U	250 U	5,000 U	100 U	12 U	20 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U	
Acetone	50	73 U	3.6 U	2.6 J	360 U	4.6 J	2.8 J	50 U	5 U	5 U	5 U	5 U	5 U	250 U	5,000 U	100 U	12 U	20 U	5 U	3.3 J	2.1	500 U	5 U	5 U	5 U	
Acrylonitrile	5	75 U	3.8 U	1.5 U	380 U	1.5 U	1.5 U	50 U	5 U	5 U	5 U	5 U	5 U	250 U	5,000 U	100 U	12 U	20 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U	
Benzene	1	8 U	0.4 U	0.71	40 U	0.38 J	0.16 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.56	
Bromobenzene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
Bromochloromethane	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
Bromodichloromethane	50	10 U	0.48 U	0.19 U	48 U	0.19 U	0.19 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	
Bromoform	50	32 U	1.6 U	0.65 U	160 U	0.65 U	0.65 U	20 U	2 U	2 U	2 U	2 U	2 U	100 U	2,000 U	40 U	5 U	8 U	2 U	2 U	2 U	200 U	2 U	2 U	2 U	
Bromomethane	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
Carbon disulfide	60	50 U	2.5 U	1 U	250 U	1 U	1 U	50 U	5 U	5 U	5 U	5 U	5 U	250 U	5,000 U	100 U	12 U	20 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U	
Carbon tetrachloride	5	7 U	0.34 U	0.13 U	34 U	0.13 U	0.13 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	
Chlorobenzene	5	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
Chloroethane	5	35 U	1.8 U	1.4 J	180 U	0.87 J	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
Chloroform	7	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
Chloromethane	NS	35 U	1.8 U	0.7 U	180 U	0.7 U	0.7 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120 U	2,500 U	50 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	
cis-1,2-Dichloroethene (DCE)	5	3,900	140	140	16,000	71	37	820	73	2.5 U	2.1 J	15	6	2,700	25,000	870	74	210	23	20	3.9	5,200	67	1.8 J	100	
cis-1,3-Dichloropropene	0.4	7 U	0.36 U	0.14 U	36 U	0.14 U	0.14 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	
Dibromochloromethane	50	7 U	0.37 U	0.15 U	37 U	0.15 U	0.15 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	10 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	
Dibromomethane	5	50 U	2.5 U	1 U	250 U	1 U	1 U	50 U	5 U	5 U	5 U	5 U	5 U	250 U	5,000 U	100 U	12 U	20 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U	
Dichlorodifluoromethane	5	50 U	2.5 U	1 U	250 U	1 U	1 U	50 U	5 U																	

Table 3
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MW-10																			
		10/7/2014 L1423615-02	10/2/2015 L1524907-01	3/29/2016 L1609110-01	6/22/2016 L1619370-01	9/16/2016 L1629516-01	12/6/2016 L1639729-02	3/1/2017 L1706520-02	6/1/2017 L1718024-09	9/20/2017 L1733661-09	12/13/2017 L1746240-01	3/14/2018 L1808694-01	9/5/2018 L1835036-01	3/6/2019 L1908838-06	9/16/2019 L1942467-01	5/11/2020 L2019409-01	1/14/2021 L2102213-01	3/16/2022 L2214084-01	3/30/2023 23C1840-08	3/22/2024 L2415955-01	3/27/2025 L2518413-01
Volatile Organic Compounds in µg/L																					
1,1,1,2-Tetrachloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.216 U	0.70 U	2.5 U
1,1,1-Trichloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.266 U	0.70 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.1 U	0.14 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 U	0.5 U	0.17 U	0.5 U	0.5 U	0.17 U	0.5 U	0.256 U	0.17 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	0.5 U	1.5 U	0.5 U	1.5 U	1.5 U	0.5 U	1.5 U	0.249 U	0.50 U	1.5 U
1,1-Dichloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.272 U	0.70 U	2.5 U
1,1-Dichloroethene	5	0.1 U	0.14 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 U	0.5 U	0.17 U	0.5 U	0.5 U	0.17 U	0.5 U	0.327 U	0.17 U	0.5 U
1,1-Dichloropropene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
1,2,3-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.222 U	0.70 U	2.5 U
1,2,3-Trichloropropane	0.04	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.273 U	0.70 U	2.5 U
1,2,4,5-Tetramethylbenzene	NS	0.7 U	0.65 U	0.65 U	2 U	1 J	2 U	2 U	2 U	2 U	2 U	0.54 U	2 U	0.54 U	2 U	2 U	0.54 U	2 U	NA	0.54 U	2 U
1,2,4-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.138 U	0.70 U	2.5 U
1,2,4-Triethylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.31 U	0.70 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.432 U	0.70 U	2.5 U
1,2-Dibromoethane	0.0006	0.7 U	0.65 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	0.65 U	2 U	0.215 U	0.65 U	2 U
1,2-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.27 U	0.70 U	2.5 U
1,2-Dichloroethane	0.6	0.1 U	0.13 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.377 U	0.13 U	0.5 U
1,2-Dichloropropane	NS	0.1 U	0.13 U	0.13 U	1 U	0.14 U	1 U	1 U	1 U	1 U	1 U	0.14 U	1 U	0.14 U	1 U	1 U	0.14 U	1 U	0.327 U	0.14 U	1 U
1,3,5-Triethylbenzene	1	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.347 U	0.70 U	2.5 U
1,3-Dichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.283 U	0.70 U	2.5 U
1,3-Dichloropropane	3	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.26 U	0.70 U	2.5 U
1,4-Dichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.311 U	0.70 U	2.5 U
1,4-Dioxane	3	NA	NA	41 U	250 U	61 U	250 U	250 U	250 U	250 U	250 U	61 U	250 U	61 U	250 U	250 U	61 U	250 U	35.3 U	61 U	250 U
2,2-Dichloropropane	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
2-Butanone	5	1.9 U	1.9 U	1.9 U	5 U	1.9 U	5 U	5 U	5 U	5 U	5 U	1.9 U	5 U	1.9 U	5 U	5 U	1.9 U	5 U	0.421 U	1.9 U	5 U
2-Hexanone	50	1.0 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.32 U	1.0 U	5 U
4-Methyl-2-pentanone	NS	1.0 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.365 U	1.0 U	5 U
Acetone	50	1.5 U	1.5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	5 U	1.5 U	5 U	1.34 U	1.5 U	5 U
Acrylonitrile	5	1.5 U	1.5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	5 U	1.5 U	5 U	0.422 U	1.5 U	5 U
Benzene	1	0.2 U	0.16 U	0.16 U	0.5 U	0.16 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.16 U	0.5 U	0.16 U	0.5 U	0.5 U	0.16 U	0.5 U	0.279 U	0.16 U	0.5 U
Bromobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
Bromochloromethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.354 U	0.70 U	2.5 U
Bromodichloromethane	50	0.2 U	0.19 U	0.19 U	0.5 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.19 U	0.5 U	0.19 U	0.5 U	0.5 U	0.19 U	0.5 U	0.245 U	0.19 U	0.5 U
Bromoform	50	0.7 U	0.65 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	0.65 U	2 U	0.163 U	0.65 U	2 U
Bromomethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.119 U	0.70 U	2.5 U
Carbon disulfide	60	1.0 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.362 U	1.0 U	5 U
Carbon tetrachloride	5	0.1 U	0.13 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.204 U	0.13 U	0.5 U
Chlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.284 U	0.70 U	2.5 U
Chloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.448 U	0.70 U	2.5 U
Chloroform	7	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.243 U	0.70 U	2.5 U
Chloromethane	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.372 U	0.70 U	2.5 U
cis-1,2-Dichloroethene (DCE)	5	0.7 U	1 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.294 U	0.70 U	2.5 U
cis-1,3-Dichloropropene	0.4	0.1 U	0.14 U	0.14 U	0.5 U	0.14 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.14 U	0.5 U	0.14 U	0.5 U	0.5 U	0.14 U	0.5 U	0.262 U	0.14 U	0.5 U
Dibromochloromethane	50	0.2 U	0.15 U	0.15 U	0.5 U	0.15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.15 U	0.5 U	0.15 U	0.5 U	0.5 U	0.15 U	0.5 U	0.146 U	0.15 U	0.5 U
Dibromomethane	5	1.0 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.203 U	1.0 U	5 U
Dichlorodifluoromethane	5	1.0 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.451 U	1.0 U	5 U
Ethyl ether	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
Ethylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.29 U	0.70 U	2.5 U
Hexachlorobutadiene	0.5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.241 U	0.70 U	2.5 U
Isopropylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.405 U	0.70 U	2.5 U
Methyl tert butyl ether	10	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.244 U	0.70 U	2.5 U
Methylene chloride	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.397 U	0.70 U	2.5 U
n-Butylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U</							

Table 3
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MW-11																			
		10/9/2014 L1423615-03	10/2/2015 L1524907-02	3/29/2016 L1609110-02	6/22/2016 L1619370-02	9/16/2016 L1629516-02	12/6/2016 L1639729-09	3/1/2017 L1706520-01	6/1/2017 L1718024-08	9/20/2017 L1733661-08	12/13/2017 L1746240-02	3/14/2018 L1808694-02	9/5/2018 L1835036-02	3/6/2019 L1908838-07	9/16/2019 L1942467-02	5/11/2020 NA	1/14/2021 NA	3/16/2022 NA	3/30/2023 NA	3/22/2024 NA	3/27/2025 NA
Volatile Organic Compounds in µg/L																					
1,1,1,2-Tetrachloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,1,1-Trichloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,1,2,2-Tetrachloroethane	5	0.14 U	0.14 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 U	0.5 U	0.17 U	0.5 U	NC	NC	NC	NC	NC	NC
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	0.5 U	1.5 U	0.5 U	1.5 U	NC	NC	NC	NC	NC	NC
1,1-Dichloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,1-Dichloroethene	5	0.14 U	0.14 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 U	0.5 U	0.17 U	0.5 U	NC	NC	NC	NC	NC	NC
1,1-Dichloropropene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,2,3-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,2,3-Trichloropropane	0.04	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,2,4,5-Tetramethylbenzene	NS	0.65 U	0.65 U	0.65 U	2 U	0.54 U	2 U	2 U	2 U	2 U	2 U	0.54 U	2 U	0.54 U	2 U	NC	NC	NC	NC	NC	NC
1,2,4-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,2,4-Tetramethylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,2-Dibromoethane	0.0006	0.65 U	0.65 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	NC	NC	NC	NC	NC	NC
1,2-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,2-Dichloroethane	0.6	0.13 U	0.13 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	NC	NC	NC	NC	NC	NC
1,2-Dichloropropane	NS	0.13 U	0.13 U	0.13 U	1 U	0.14 U	1 U	1 U	1 U	1 U	1 U	0.14 U	1 U	0.14 U	1 U	NC	NC	NC	NC	NC	NC
1,3,5-Tetramethylbenzene	1	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,3-Dichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,3-Dichloropropane	3	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,4-Dichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
1,4-Dioxane	3	NA	NA	41 U	250 U	61 U	250 U	250 U	250 U	250 U	250 U	61 U	250 U	61 U	250 U	NC	NC	NC	NC	NC	NC
2,2-Dichloropropane	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
2-Butanone	5	1.9 U	1.9 U	1.9 U	5 U	1.9 U	5 U	5 U	5 U	5 U	5 U	1.9 U	5 U	1.9 U	5 U	NC	NC	NC	NC	NC	NC
2-Hexanone	50	1 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	NC	NC	NC	NC	NC	NC
4-Methyl-2-pentanone	NS	1 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	NC	NC	NC	NC	NC	NC
Acetone	50	1.5 U	1.5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	NC	NC	NC	NC	NC	NC
Acrylonitrile	5	1.5 U	1.5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	NC	NC	NC	NC	NC	NC
Benzene	1	0.16 U	0.16 U	0.16 U	0.5 U	0.16 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.16 U	0.5 U	0.16 U	0.5 U	NC	NC	NC	NC	NC	NC
Bromobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Bromochloromethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Bromodichloromethane	50	0.19 U	0.19 U	0.19 U	0.5 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.19 U	0.5 U	0.19 U	0.5 U	NC	NC	NC	NC	NC	NC
Bromoform	50	0.65 U	0.65 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	NC	NC	NC	NC	NC	NC
Bromomethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Carbon disulfide	60	1 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	NC	NC	NC	NC	NC	NC
Carbon tetrachloride	5	0.13 U	0.13 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	NC	NC	NC	NC	NC	NC
Chlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Chloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Chloroform	7	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Chloromethane	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene (DCE)	5	0.7 U	1 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
cis-1,3-Dichloropropene	0.4	0.14 U	0.14 U	0.14 U	0.5 U	0.14 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.14 U	0.5 U	0.14 U	0.5 U	NC	NC	NC	NC	NC	NC
Dibromochloromethane	50	0.15 U	0.15 U	0.15 U	0.5 U	0.15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.15 U	0.5 U	0.15 U	0.5 U	NC	NC	NC	NC	NC	NC
Dibromomethane	5	1 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	NC	NC	NC	NC	NC	NC
Dichlorodifluoromethane	5	1 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	NC	NC	NC	NC	NC	NC
Ethyl ether	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Ethylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Hexachlorobutadiene	0.5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Isopropylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Methyl tert butyl ether	10	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Methylene chloride	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
n-Butylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
n-Propylbenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
Naphthalene	10	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
o-Chlorotoluene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
o-Xylene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	NC
p-Chlorotoluene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.									

Table 3
 Historic Groundwater Sampling Results
 3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MW-12																				
		10/2/2015 L1524907-03	3/29/2016 L1609110-03	6/22/2016 L1619370-03	9/16/2016 L1629516-03	12/6/2016 L1639729-03	3/1/2017 L1706520-03	6/1/2017 L1718024-04	9/20/2017 L1733661-03	12/13/2017 L1746240-03	3/14/2018 L1808694-03	9/5/2018 L1835036-03	3/6/2019 L1908838-08	9/16/2019 L1942467-03	5/11/2020 L2019409-02	1/14/2021 L2102213-02	3/16/2022 L2214084-02	3/30/2023 23C1840-04	3/22/2024 L2415955-10	3/27/2025 L2518413-08		
Volatile Organic Compounds in µg/L																						
1,1,1,2-Tetrachloroethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.216 U	0.70 U	2.5 U
1,1,1-Trichloroethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.266 U	0.70 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.14 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.256 U	0.17 U	0.50 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	1.5 U	0.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	0.249 U	0.50 U	1.5 U
1,1-Dichloroethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.272 U	0.70 U	2.5 U
1,1-Dichloroethene	5	0.14 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.327 U	0.17 U	0.50 U
1,1-Dichloropropene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	0.70 U	2.5 U
1,2,3-Trichlorobenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.222 U	0.70 U	2.5 U
1,2,3-Trichloropropane	0.04	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.273 U	0.70 U	2.5 U
1,2,4,5-Tetramethylbenzene	NS	0.92 J	0.65 U	2 U	0.71 J	2 U	2 U	2 U	2 U	2 U	2 U	0.54 U	2 U	0.54 U	2 U	2 U	0.54 U	2 U	2 U	NA	0.54 U	2.0 U
1,2,4-Trichlorobenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.138 U	0.70 U	2.5 U
1,2,4-Trimethylbenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.31 U	0.70 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.432 U	0.70 U	2.5 U
1,2-Dibromoethane	0.006	0.65 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	0.65 U	2 U	2 U	0.215 U	0.65 U	2.0 U
1,2-Dichlorobenzene	3	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.27 U	0.70 U	2.5 U
1,2-Dichloroethane	0.6	0.13 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.5 U	0.377 U	0.13 U	0.50 U
1,2-Dichloropropane	NS	0.13 U	0.13 U	1 U	0.14 U	1 U	1 U	1 U	1 U	1 U	1 U	0.14 U	1 U	0.14 U	1 U	1 U	0.14 U	1 U	1 U	0.327 U	0.14 U	1.0 U
1,3,5-Trimethylbenzene	1	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.347 U	0.70 U	2.5 U
1,3-Dichlorobenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.283 U	0.70 U	2.5 U
1,3-Dichloropropane	3	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.26 U	0.70 U	2.5 U
1,4-Dichlorobenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.311 U	0.70 U	2.5 U
1,4-Dioxane	3	NA	41 U	250 U	61 U	250 U	250 U	250 U	250 U	250 U	250 U	61 U	250 U	61 U	250 U	61 U	250 U	61 U	250 U	35.3 U	61 U	250 U
2,2-Dichloropropane	NS	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	0.70 U	2.5 U
2-Butanone	5	1.9 U	1.9 U	5 U	1.9 U	5 U	5 U	5 U	5 U	5 U	5 U	1.9 U	5 U	1.9 U	5 U	5 U	1.9 U	5 U	5 U	0.421 U	1.9 U	5.0 U
2-Hexanone	50	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	0.32 U	1.0 U	5.0 U
4-Methyl-2-pentanone	NS	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	0.365 U	1.0 U	5.0 U
Acetone	50	1.5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	5 U	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.34 U	1.5 U	5.0 U
Acrylonitrile	5	1.5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.422 U	1.5 U	5.0 U
Benzene	1	0.16 U	0.16 U	0.5 U	0.16 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.16 U	0.5 U	0.16 U	0.5 U	0.5 U	0.16 U	0.5 U	0.5 U	0.279 U	0.16 U	0.50 U
Bromobenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	0.70 U	2.5 U
Bromochloromethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.354 U	0.70 U	2.5 U
Bromodichloromethane	50	0.19 U	0.19 U	0.5 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.19 U	0.5 U	0.19 U	0.5 U	0.5 U	0.19 U	0.5 U	0.5 U	0.5 U	0.245 U	0.19 U	0.50 U
Bromoform	50	0.65 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	0.65 U	2 U	2 U	0.163 U	0.65 U	2.0 U
Bromomethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.119 U	0.70 U	2.5 U
Carbon disulfide	60	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	0.362 U	1.0 U	5.0 U
Carbon tetrachloride	5	0.13 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.204 U	0.13 U	0.5 U
Chlorobenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.284 U	0.70 U	2.5 U
Chloroethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.448 U	0.70 U	2.5 U
Chloroform	7	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.243 U	0.70 U	2.5 U
Chloromethane	NS	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.372 U	0.70 U	2.5 U
cis-1,2-Dichloroethene (DCE)	5	31	15	18	5.4	21	1.1 J	20	1.7 J	1.6 J	7.3	1.4 J	0.78 J	3.5	0.85 J	1.4 J	1 J	1 J	0.4 J	2.1 J	1.0 J	
cis-1,3-Dichloropropene	0.4	0.14 U	0.14 U	0.5 U	0.14 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.14 U	0.5 U	0.14 U	0.5 U	0.5 U	0.14 U	0.5 U	0.5 U	0.5 U	0.262 U	0.14 U	0.5 U
Dibromochloromethane	50	0.15 U	0.15 U	0.5 U	0.15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.15 U	0.5 U	0.15 U	0.5 U	0.5 U	0.15 U	0.5 U	0.5 U	0.5 U	0.146 U	0.15 U	0.50 U
Dibromomethane	5	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	0.203 U	1.0 U	5.0 U
Dichlorodifluoromethane	5	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	0.451 U	1.0 U	5.0 U
Ethyl ether	NS	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	NA	0.70 U	2.5 U
Ethylbenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.29 U	0.70 U	2.5 U
Hexachlorobutadiene	0.5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.241 U	0.70 U	2.5 U
Isopropylbenzene	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	2.5 U	0.405 U	0.70 U	2.5 U
Methyl tert butyl ether	10	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U				

Table 3
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MW-13																				
		10/2/2015 L1524907-04	3/29/2016 L1609110-04	6/22/2016 L1619370-04	9/16/2016 L1629516-04	12/6/2016 L1639729-04	3/1/2017 L1706520-04	6/1/2017 L1718024-03	9/20/2017 L1733661-02	12/13/2017 L1746240-04	3/14/2018 L1808694-04	9/5/2018 L1835036-04	3/6/2019 L1908838-09	9/16/2019 L1942467-04	5/11/2020 L2019409-03	1/14/2021 L2102213-03	3/16/2022 L2214084-03	3/30/2023 23C1840-01	3/22/2024 L2415955-07	3/27/2024 L2518413-07		
Volatile Organic Compounds in µg/L																						
1,1,1,2-Tetrachloroethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.216 U	0.70 U	25 U
1,1,1-Trichloroethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.266 U	0.70 U	25 U
1,1,2,2-Tetrachloroethane	5	0.36 U	0.14 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.256 U	0.17 U	5.0 U
1,1,2-Trichloroethane	1	1.2 U	0.5 U	1.5 U	1 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	0.249 U	0.50 U	15 U
1,1-Dichloroethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.272 U	0.70 U	25 U
1,1-Dichloroethene	5	0.36 U	0.14 U	0.5 U	0.34 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.327 U	0.17 U	5.0 U
1,1-Dichloropropane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	0.70 U	25 U
1,2,3-Trichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.222 U	0.70 U	25 U
1,2,3-Trichloropropane	0.04	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.273 U	0.70 U	25 U
1,2,4,5-Tetramethylbenzene	NS	1.6 U	1.3 J	1.7 J	1.8	4.4	2.2 J	2.9	2 U	1.9 J	1 J	1.1 J	0.83 J	0.66 J	0.9 J	7.5	1 J	NA	0.54 U	20 U	20 U	
1,2,4-Trichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.138 U	0.70 U	25 U
1,2,4-Trimethylbenzene	5	1.8 U	0.39	1.3 J	2.4 J	2.5 U	2.5 U	1.6 J	2.5 U	2.5 U	1.4 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.31 U	0.70 U	25 U
1,2-Dibromo-3-chloropropane	0.04	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.432 U	0.70 U	25 U
1,2-Dibromoethane	0.0006	1.6 U	0.65 U	2 U	1.3 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.215 U	0.65 U	20 U
1,2-Dichlorobenzene	3	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.27 U	0.70 U	25 U
1,2-Dichloroethane	0.6	0.33 U	0.13 U	0.5 U	0.26 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.377 U	0.13 U	5.0 U
1,2-Dichloropropane	NS	0.33 U	0.13 U	1 U	0.27 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.327 U	0.14 U	10 U
1,3,5-Trimethylbenzene	1	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.347 U	0.70 U	25 U
1,3-Dichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.283 U	0.70 U	25 U
1,3-Dichloropropane	3	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.26 U	0.70 U	25 U
1,4-Dichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.311 U	0.70 U	25 U
1,4-Dioxane	3	NA	41 U	250 U	120 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	35.3 U	61 U	2500 U
2,2-Dichloropropane	NS	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	0.70 U	25 U
2-Butanone	5	4.8 U	1.9 U	5 U	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.9 U	5 U	50 U
2-Hexanone	50	2.5 U	1 U	5 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	50 U
4-Methyl-2-pentanone	NS	2.5 U	1 U	5 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	50 U
Acetone	50	6.6 J	1.9 J	5 U	2.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.34 U	1.5 U	50 U
Acrylonitrile	5	3.8 U	1.5 U	5 U	3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.422 U	1.5 U	50 U
Benzene	1	0.4 U	0.51	0.78	0.7 J	0.76	0.96	0.59	1.3	0.63	0.92	0.48 J	0.49 J	0.27 J	0.6	1	1.2	0.52	0.58	5.0 U	5.0 U	
Bromobenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	0.70 U	25 U
Bromochloromethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.354 U	0.70 U	25 U
Bromodichloromethane	50	0.48 U	0.19 U	0.5 U	0.38 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.245 U	0.19 U	5.0 U
Bromofom	50	1.6 U	0.65 U	2 U	1.3 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.163 U	0.65 U	20 U
Bromomethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.119 U	0.70 U	25 U
Carbon disulfide	60	2.5 U	1 U	5 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.362 U	1.0 U	50 U
Carbon tetrachloride	5	0.34 U	0.13 U	0.5 U	0.27 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.204 U	0.13 U	5.0 U
Chlorobenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.284 U	0.70 U	25 U
Chloroethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.448 U	0.70 U	25 U
Chloroform	7	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.243 U	0.70 U	25 U
Chloromethane	NS	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.372 U	0.70 U	25 U
cis-1,2-Dichloroethene (DCE)	5	150	72	96	30	15	18	26	27	8.2	9.1	13	2.9	6.6	3.1	8.5	2.6	5.27	14	25 U	25 U	
cis-1,3-Dichloropropene	0.4	0.36 U	0.14 U	0.5 U	0.29 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.262 U	0.14 U	5.0 U
Dibromochloromethane	50	0.37 U	0.15 U	0.5 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.146 U	0.15 U	5.0 U
Dibromomethane	5	2.5 U	1 U	5 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.203 U	1.00 U	50 U
Dichlorodifluoromethane	5	2.5 U	1 U	5 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.451 U	1.0 U	50 U
Ethyl ether	NS	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	0.70 U	25 U
Ethylbenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.29 U	0.70 U	25 U
Hexachlorobutadiene	0.5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.241 U	0.70 U	25 U
Isopropylbenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.405 U	0.70 U	25 U
Methyl tert butyl ether	10	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.244 U	0.70 U	25 U
Methylene chloride	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U</													

Table 3
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MW-14																																					
		10/2/2015 L1524907-05	3/29/2016 L1609110-05	6/22/2016 L1619370-05	9/16/2016 L1629516-05	12/6/2016 L1639729-05	3/1/2017 L1706520-05	6/1/2017 L1718024-02	9/20/2017 L1733661-01	12/13/2017 L1746240-05	3/14/2018 L1808694-05	9/5/2018 L1835034-05	3/6/2019 L1908838-10	9/16/2019 L1942467-05	5/11/2020 L2019409-04	1/14/2021 L2102213-04	3/16/2022 L2214084-04	3/30/2023 23C1840-02	3/22/2024 L2415955-05	3/27/2025 L2518413-06																			
Volatile Organic Compounds in µg/L																																							
1,1,1,2-Tetrachloroethane	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.216	U	1.8	U	10	U
1,1,1-Trichloroethane	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.266	U	1.8	U	10	U
1,1,2,2-Tetrachloroethane	5	3.6	U	0.17	J	25	U	3.3	UJ	5	UJ	5	U	10	U	1	U	0.5	U	0.42	U	2	U	0.84	U	2.5	U	1	U	0.17	U	0.5	U	0.256	U	0.42	U	2.0	U
1,1,2-Trichloroethane	1	12	U	0.5	U	75	U	10	UJ	15	UJ	15	U	30	U	3	U	1.5	U	1.2	U	6	U	2.5	U	7.5	U	3	U	0.5	U	1.5	U	0.249	U	1.2	U	6.0	U
1,1-Dichloroethane	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	UJ	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.272	U	1.8	U	10	U
1,1-Dichloroethene	5	3.6	U	1.6		25	U	4.9	J	5	U	5	U	7	J	2.1		0.23	J	0.67	J	1.1	J	1.3	J	2.4	J	1	U	0.17	U	0.2	J	0.327	U	0.42	U	2.0	U
1,1-Dichloropropene	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	NA	U	1.8	U	10	U
1,2,3-Trichlorobenzene	5	18	U	0.7	U	120	U	14	UJ	25	UJ	25	U	50	UJ	5	U	2.5	U	1.8	U	10	UJ	3.5	U	12	U	5	U	0.7	U	2.5	U	0.222	U	1.8	U	10	U
1,2,3-Trichloropropane	0.04	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.273	U	1.8	U	10	U
1,2,4,5-Tetramethylbenzene	NS	16	U	0.65	U	100	U	13	J	20	U	20	U	40	U	4	U	2	U	1.4	U	8	U	2.7	U	10	U	4	U	0.54	U	2	U	NA	U	1.4	U	8.0	U
1,2,4-Trichlorobenzene	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.138	U	1.8	U	10	U
1,2,4-Trimethybenzene	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.31	U	1.8	U	10	U
1,2-Dibromo-3-chloropropane	0.04	18	U	0.7	U	120	U	14	UJ	25	UJ	25	UJ	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.432	U	1.8	U	10	U
1,2-Dibromoethane	0.0006	16	U	0.65	U	100	U	13	UJ	20	U	20	U	40	U	4	U	2	U	1.6	U	8	U	3.2	U	10	U	4	U	0.65	U	2	U	0.215	U	1.6	U	8.0	U
1,2-Dichlorobenzene	3	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.27	U	1.8	U	10	U
1,2-Dichloroethane	0.6	3.3	U	0.13	U	25	U	2.6	UJ	5	U	5	U	10	U	1	U	0.5	U	0.33	U	2	U	0.66	U	2.5	U	1	U	0.13	U	0.5	U	0.377	U	0.33	U	2.0	U
1,2-Dichloropropane	NS	3.3	U	0.13	U	50	U	2.7	UJ	10	U	10	U	20	U	2	U	1	U	0.34	U	4	U	0.68	U	5	U	2	U	0.14	U	1	U	0.327	U	0.34	U	4.0	U
1,3,5-Trimethybenzene	1	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.347	U	1.8	U	10	U
1,3-Dichlorobenzene	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.283	U	1.8	U	10	U
1,3-Dichloropropane	3	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.26	U	1.8	U	10	U
1,4-Dichlorobenzene	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.311	U	1.8	U	10	U
1,4-Dioxane	3	NA		41	U	12,000	U	1,200	UJ	2,500	UJ	2,500	UJ	5,000	UJ	500	UJ	250	UJ	150	UJ	1,000	UJ	300	UJ	1,200	U	500	U	61	U	250	U	35.3	U	150	U	1,000	U
2,2-Dichloropropane	NS	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	UJ	2.5	U	1.8	U	10	UJ	3.5	U	12	U	5	U	0.7	U	2.5	U	NA	U	1.8	U	10	U
2-Butanone	5	48	U	1.9	U	250	U	39	UJ	50	U	50	UJ	100	U	10	UJ	5	UJ	4.8	U	20	U	9.7	U	25	U	10	U	1.9	U	5	U	0.421	U	4.8	U	20	U
2-Hexanone	50	25	U	1	U	250	U	20	UJ	50	UJ	50	UJ	100	U	10	U	5	UJ	2.5	U	20	U	5	U	25	U	10	U	1	U	5	U	0.32	U	2.5	U	20	U
4-Methyl-2-pentanone	NS	25	U	1	U	250	U	20	UJ	50	UJ	50	UJ	100	UJ	10	J	5	U	2.5	U	20	U	5	U	25	U	10	U	1	U	5	U	0.365	U	2.5	U	20	U
Acetone	50	64	J	1.5	U	250	U	29	UJ	50	UJ	50	U	100	U	10	UJ	5	UJ	3.6	U	20	U	25	UJ	25	U	10	U	1.5	U	5	U	1.34	U	3.6	U	20	U
Acrylonitrile	5	38	U	1.5	U	250	U	30	UJ	50	U	50	U	100	U	10	U	5	UJ	3.8	U	20	U	7.5	U	25	U	10	U	1.5	U	5	U	0.422	U	3.8	U	20	U
Benzene	1	4	U	0.16	U	25	U	3.2	UJ	5	U	5	U	10	U	1	U	0.5	U	0.4	U	2	U	0.8	U	2.5	U	1	U	0.16	U	0.23	J	0.279	U	0.40	U	2.0	U
Bromobenzene	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	NA	U	1.8	U	10	U
Bromochloromethane	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	U	5	U	2.5	U	1.8	U	10	U	3.5	U	12	U	5	U	0.7	U	2.5	U	0.354	U	1.8	U	10	U
Bromodichloromethane	50	4.8	U	0.19	U	25	U	3.8	UJ	5	U	5	U	10	U	1	U	0.5	U	0.48	U	2	U	0.96	U	2.5	U	1	U	0.19	U	0.5	U	0.245	U	0.48	U	2.0	U
Bromofom	50	16	U	0.65	U	100	U	13	UJ	20	U	20	U	40	U	4	U	2	U	1.6	U	8	U	3.2	U	10	U	4	U	0.65	U	2	U	0.163	U	1.6	U	8.0	U
Bromomethane	5	18	U	0.7	U	120	U	14	UJ	25	U	25	U	50	UJ	5	U	2.5	UJ	1.8	U	10	UJ	3.5	U	12	U	5	U	0.7	U	2.5	U	0.119	U	1.8	U	10	U
Carbon disulfide	60	25	U	1	U	250	U	20	UJ	50	U	50	UJ	100	U	10	UJ	5	U	2.5	U	20	U	5	U	25	U	10	U	1	U	5	U	0.362	U	2.5	U	20	U
Carbon tetrachloride	5	3.4	U	0.13	U	25	U	2.7	UJ	5	U	5	U	10	UJ	1	U	0.5	U	0.34	U	2	UJ	0.67	U	2.5	U	1	U	0.13	U	0.5	U	0.204	U	0.34	U		

Table 3
 Historic Groundwater Sampling Results
 3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MW-15																			
		10/2/2015 L1524907-06	3/29/2016 L1609110-06	6/22/2016 L1619370-06	9/16/2016 L1629516-06	12/6/2016 L1639729-08	3/1/2017 L1706520-08	6/1/2017 L1718024-01	9/20/2017 L1733661-06	12/13/2017 L1746240-06	3/14/2018 L1808694-06	9/5/2018 L1835034-06	3/6/2019 NC	9/16/2019 NC	5/11/2020 NC	1/14/2021 L2102213-05	3/16/2022 L2214082-05	3/30/2023 23C1840-07	3/22/2024 L2415955-06	3/27/2025 L2518413-03	
Volatile Organic Compounds in µg/L																					
1,1,1,2-Tetrachloroethane	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.216 U	0.70 U	2.5 U	U	
1,1,1-Trichloroethane	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.266 U	0.70 U	2.5 U	U	
1,1,2,2-Tetrachloroethane	5	0.36 U	0.14 U	0.5 U	0.42 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	NC	NC	NC	0.17 U	0.5 U	0.256 U	0.17 U	0.50 U	U	
1,1,2-Trichloroethane	1	5.6	0.5 U	1.5 U	1.2 U	3 U	1.5 U	3 U	1.5 U	3 U	1.5 U	NC	NC	NC	0.5 U	1.5 U	0.249 U	0.50 U	1.5 U	U	
1,1-Dichloroethane	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.272 U	0.70 U	2.5 U	U	
1,1-Dichloroethene	5	0.36 U	0.14 U	0.5 U	0.42 U	1 U	0.5 U	1 U	0.5 U	1 U	0.5 U	NC	NC	NC	0.17 U	0.5 U	0.327 U	0.17 U	0.50 U	U	
1,1-Dichloropropene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	NA	0.70 U	2.5 U	U	
1,2,3-Trichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.25 J	0.70 U	2.5 U	U	
1,2,3-Trichloropropane	0.04	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.273 U	0.70 U	2.5 U	U	
1,2,4,5-Tetramethylbenzene	NS	29	22	11	17	5.4	3 J	4 U	2 U	4 U	0.54 U	2 U	NC	NC	0.54 U	2 U	NA	1.2 J	1.5 J	J	
1,2,4-Trichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.138 U	0.70 U	2.5 U	U	
1,2,4-Trimeethylbenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.31 U	0.70 U	2.5 U	U	
1,2-Dibromo-3-chloropropane	0.04	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.432 U	0.70 U	2.5 U	U	
1,2-Dibromoethane	0.0006	1.6 U	0.65 U	2 U	1.6 U	4 U	2 U	4 U	2 U	4 U	0.65 U	2 U	NC	NC	0.65 U	2 U	0.215 U	0.65 U	2.0 U	U	
1,2-Dichlorobenzene	3	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.27 U	0.70 U	2.5 U	U	
1,2-Dichloroethane	0.6	0.33 U	0.13 U	0.5 U	0.33 U	1 U	0.5 U	1 U	0.5 U	1 U	0.33 U	0.5 U	NC	NC	0.13 U	0.5 U	0.377 U	0.13 U	0.50 U	U	
1,2-Dichloropropane	NS	0.33 U	0.13 U	1 U	0.34 U	2 U	1 U	2 U	1 U	2 U	0.14 U	1 U	NC	NC	0.14 U	1 U	0.327 U	0.14 U	1.0 U	U	
1,3,5-Trimeethylbenzene	1	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.347 U	0.70 U	2.5 U	U	
1,3-Dichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.283 U	0.70 U	2.5 U	U	
1,3-Dichloropropane	3	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.26 U	0.70 U	2.5 U	U	
1,4-Dichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.311 U	0.70 U	2.5 U	U	
1,4-Dioxane	3	NA	41 U	250 U	150 U	500 U	250 U	500 U	250 U	500 U	61 U	250 U	NC	NC	61 U	250 U	35.3 U	61 U	250 U	U	
2,2-Dichloropropane	NS	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	NA	0.70 U	2.5 U	U	
2-Butanone	5	4.8 U	1.9 U	5 U	4.8 U	10 U	5 U	10 U	5 U	10 U	1.9 U	5 U	NC	NC	1.9 U	5 U	0.421 U	1.9 U	5.0 U	U	
2-Hexanone	50	2.5 U	1 U	5 U	2.5 U	10 U	5 U	10 U	5 U	10 U	1 U	5 U	NC	NC	1 U	5 U	0.32 U	1.0 U	5.0 U	U	
4-Methyl-2-pentanone	NS	2.5 U	1 U	5 U	2.5 U	10 U	5 U	10 U	5 U	10 U	1 U	5 U	NC	NC	1 U	5 U	0.365 U	1.0 U	5.0 U	U	
Acetone	50	13	1.5 U	5 U	5.8 J	4.8 J	3.3 J	10 U	2.9 J	10 U	1.5 U	2.2 J	NC	NC	1.5 U	5 U	1.34 U	1.5 U	5.0 U	U	
Acrylonitrile	5	3.8 U	1.5 U	5 U	3.8 U	10 U	5 U	10 U	5 U	10 U	1.5 U	5 U	NC	NC	1.5 U	5 U	0.422 U	1.5 U	5.0 U	U	
Benzene	1	0.4 U	0.16 U	0.5 U	0.4 U	1 U	0.5 U	1 U	0.5 U	1 U	0.16 U	0.5 U	NC	NC	0.16 U	0.5 U	0.279 U	0.16 U	0.50 U	U	
Bromobenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	NA	0.70 U	2.5 U	U	
Bromochloromethane	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.354 U	0.70 U	2.5 U	U	
Bromodichloromethane	50	0.48 U	0.19 U	0.5 U	0.48 U	1 U	0.5 U	1 U	0.5 U	1 U	0.19 U	0.5 U	NC	NC	0.19 U	0.5 U	0.245 U	0.19 U	0.50 U	U	
Bromofom	50	1.6 U	0.65 U	2 U	1.6 U	4 U	2 U	4 U	2 U	4 U	0.65 U	2 U	NC	NC	0.65 U	2 U	0.163 U	0.65 U	2.0 U	U	
Bromomethane	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.119 U	0.70 U	2.5 U	U	
Carbon disulfide	60	2.5 U	1 U	5 U	2.5 U	5.2 J	5 U	10 U	2.8 J	10 U	1 U	5 U	NC	NC	1 U	5 U	0.362 U	1.00 U	5.0 U	U	
Carbon tetrachloride	5	0.34 U	0.13 U	0.5 U	0.34 U	1 U	0.5 U	1 U	0.5 U	1 U	0.13 U	0.5 U	NC	NC	0.13 U	0.5 U	0.204 U	0.13 U	0.50 U	U	
Chlorobenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.284 U	0.70 U	2.5 U	U	
Chloroethane	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.448 U	0.70 U	2.5 U	U	
Chloroform	7	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.243 U	0.70 U	2.5 U	U	
Chloromethane	NS	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.372 U	0.70 U	2.5 U	U	
cis-1,2-Dichloroethene (DCE)	5	56	6.6	6.1	14	12	18 J	6.1	14	11	3.4	10	NC	NC	3	3	0.294 U	0.95 J	2.5 U	U	
cis-1,3-Dichloropropene	0.4	0.36 U	0.14 U	0.5 U	0.36 U	1 U	0.5 U	1 U	0.5 U	1 U	0.14 U	0.5 U	NC	NC	0.14 U	0.5 U	0.262 U	0.14 U	0.50 U	U	
Dibromochloromethane	50	0.37 U	0.15 U	0.5 U	0.37 U	1 U	0.5 U	1 U	0.5 U	1 U	0.15 U	0.5 U	NC	NC	0.15 U	0.5 U	0.146 U	0.15 U	0.50 U	U	
Dibromomethane	5	2.5 U	1 U	5 U	2.5 U	10 U	5 U	10 U	5 U	10 U	1 U	5 U	NC	NC	1 U	5 U	0.203 U	1.0 U	5.0 U	U	
Dichlorodifluoromethane	5	2.5 U	1 U	5 U	2.5 U	10 U	5 U	10 U	5 U	10 U	1 U	5 U	NC	NC	1 U	5 U	0.451 U	1.0 U	5.0 U	U	
Ethyl ether	NS	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	NA	0.70 U	2.5 U	U	
Ethylbenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.29 U	0.70 U	2.5 U	U	
Hexachlorobutadiene	0.5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.241 U	0.70 U	2.5 U	U	
Isopropylbenzene	5	1.8 U	0.81 J	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.405 U	0.70 U	2.5 U	U	
Methyl tert butyl ether	10	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.244 U	0.70 U	2.5 U	U	
Methylene chloride	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.397 U	0.70 U	2.5 U	U	
n-Butylbenzene	5	1.8 U	0.87 J	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.399 U	0.70 U	2.5 U	U	
n-Propylbenzene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.384 U	0.70 U	2.5 U	U	
Naphthalene	10	1.8 U	0.7 U	2.5 U	1.8 U	5.7 J	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.37 J	0.70 U	2.5 U	U	
o-Chlorotoluene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	NA	0.70 U	2.5 U	U	
o-Xylene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	0.261 U	0.70 U	2.5 U	U	
p-Chlorotoluene	5	1.8 U	0.7 U	2.5 U	1.8 U	5 U	2.5 U	5 U	2.5 U	5 U	2.5 U	NC	NC	NC	0.7 U	2.5 U	NA	0.70 U	2.5 U	U	
p-Diethylbenzene	NS	2.3 J	0.7 U	2 U	1.8 U	4 U	2 U	4 U	2 U	4 U	0.7 U	2 U	NC	NC	0.7 U	2 U	0.341 U	0.70 U	2.0 U	U	

Table 3
 Historic Groundwater Sampling Results
 3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MW-17												
		9/20/2017 L1733661-10	12/13/2017 L1746240-07	3/14/2018 L1808694-08	9/5/2018 L1835036-07	3/6/2019 NC	9/16/2019 L1942467-06	5/11/2020 L2019409-07	1/14/2021 L2102213-06	3/16/2022 L2214084-06	3/30/2023 23C1840-03	3/22/2024 L2415955-04	3/27/2025 L2518413-02	
Volatile Organic Compounds in µg/L														
1,1,1,2-Tetrachloroethane	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.216 U	0.70 U	2.5 U	
1,1,1-Trichloroethane	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.266 U	0.70 U	2.5 U	
1,1,2,2-Tetrachloroethane	5	0.5 U	5 U	0.17 U	0.5 U	NC	0.5 U	0.5 U	0.17 U	0.5 U	0.256 U	0.17 U	0.50 U	
1,1,2-Trichloroethane	1	1.5 U	15 U	0.5 U	1.5 U	NC	1.5 U	1.5 U	0.5 U	1.5 U	0.249 U	0.50 U	1.5 U	
1,1-Dichloroethane	5	0.75 J	25 U	1.4 J	0.72 J	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.28 J	0.70 U	2.5 U	
1,1-Dichloroethene	5	0.5 U	5 U	0.17 U	0.5 U	NC	0.5 U	0.5 U	0.17 U	0.5 U	0.327 U	0.17 U	0.50 U	
1,1-Dichloropropene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U	
1,2,3-Trichlorobenzene	5	2.5 U	25 UJ	0.7 U	2.5 UJ	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.222 U	0.70 U	2.5 U	
1,2,3-Trichloropropane	0.04	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.273 U	0.70 U	2.5 U	
1,2,4,5-Tetramethylbenzene	NS	2.5	20 U	3.6	3.9	NC	3.8	1.8 J	2.4	3	NA	0.54 U	2.0 U	
1,2,4-Trichlorobenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.138 U	0.70 U	2.5 U	
1,2,4-Trimethylbenzene	5	2.6	25 U	0.7 U	2.5 U	NC	0.83 J	2.5 U	0.7 U	2.5 U	0.31 U	0.70 U	2.5 U	
1,2-Dibromo-3-chloropropane	0.04	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.432 U	0.70 U	2.5 U	
1,2-Dibromoethane	0.006	2 U	20 U	0.65 U	2 U	NC	2 U	2 U	0.65 U	2 U	0.215 U	0.65 U	2.0 U	
1,2-Dichlorobenzene	3	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.27 U	0.70 U	2.5 U	
1,2-Dichloroethane	0.6	0.5 U	5 U	0.13 U	0.5 U	NC	0.5 U	0.5 U	0.13 U	0.5 U	0.377 U	0.13 U	0.50 U	
1,2-Dichloropropane	NS	1 U	10 U	0.14 U	1 U	NC	1 U	1 U	0.14 U	1 U	0.327 U	0.14 U	1.0 U	
1,3,5-Trimethylbenzene	1	0.75 J	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.347 U	0.70 U	2.5 U	
1,3-Dichlorobenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.283 U	0.70 U	2.5 U	
1,3-Dichloropropane	3	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.26 U	0.70 U	2.5 U	
1,4-Dichlorobenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.311 U	0.70 U	2.5 U	
1,4-Dioxane	3	250 UJ	2,500 UJ	61 UJ	250 UJ	NC	250 U	250 U	61 U	250 U	35.3 U	61 U	250 U	
2,2-Dichloropropane	NS	2.5 UJ	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U	
2-Butanone	5	3 J	50 UJ	1.9 U	5 U	NC	5 U	5 U	1.9 U	5 U	0.421 U	1.9 U	5.0 U	
2-Hexanone	50	5 U	50 UJ	1 U	5 U	NC	5 U	5 U	1 U	5 U	0.32 U	1.0 U	5.0 U	
4-Methyl-2-pentanone	NS	5 UJ	50 U	1 U	5 U	NC	5 U	5 U	1 U	5 U	0.365 U	1.0 U	5.0 U	
Acetone	50	20	50 UJ	1.5 U	5 U	NC	5 U	5 U	1.5 U	5.6	1.39 J	1.5 U	5.0 U	
Acrylonitrile	5	5 U	50 UJ	1.5 U	5 U	NC	5 U	5 U	1.5 U	5 U	0.422 U	1.5 U	5.0 U	
Benzene	1	0.34 J	5 U	0.23 J	0.16 J	NC	0.5 U	0.5 U	0.16 U	0.5 U	0.279 U	0.16 U	0.50 U	
Bromobenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U	
Bromochloromethane	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.354 U	0.70 U	2.5 U	
Bromodichloromethane	50	0.5 U	5 U	0.19 U	0.5 U	NC	0.5 U	0.5 U	0.19 U	0.5 U	0.245 U	0.19 U	0.50 U	
Bromoform	50	2 U	20 U	0.65 U	2 U	NC	2 U	2 U	0.65 U	2 U	0.163 U	0.65 U	2.0 U	
Bromomethane	5	2.5 UJ	25 UJ	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.119 U	0.70 U	2.5 U	
Carbon disulfide	60	1.1 J	50 U	1 U	5 U	NC	5 U	5 U	1 U	1.8 J	0.362 U	1.0 U	5.0 U	
Carbon tetrachloride	5	0.5 U	5 U	0.13 U	0.5 U	NC	0.5 U	0.5 U	0.13 U	0.5 U	0.204 U	0.13 U	0.50 U	
Chlorobenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.284 U	0.70 U	2.5 U	
Chloroethane	5	2.5 U	25 U	0.7 UJ	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.448 U	0.70 U	2.5 U	
Chloroform	7	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.243 U	0.70 U	2.5 U	
Chloromethane	NS	2.5 UJ	25 UJ	0.7 U	2.5 UJ	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.372 U	0.70 U	2.5 U	
cis-1,2-Dichloroethene (DCE)	5	8	25 U	1.1 J	1.1 J	NC	2.1 J	2.5 U	4.5	2.5 U	0.294 U	0.70 U	2.5 U	
cis-1,3-Dichloropropene	0.4	0.5 U	5 U	0.14 U	0.5 U	NC	0.5 U	0.5 U	0.14 U	0.5 U	0.262 U	0.14 U	0.50 U	
Dibromochloromethane	50	0.5 U	5 U	0.15 U	0.5 U	NC	0.5 U	0.5 U	0.15 U	0.5 U	0.146 U	0.15 U	0.50 U	
Dibromomethane	5	5 U	50 U	1 U	5 U	NC	5 U	5 U	1 U	5 U	0.203 U	1.0 U	5.0 U	
Dichlorodifluoromethane	5	5 UJ	50 U	1 U	5 UJ	NC	5 U	5 U	1 U	5 U	0.451 U	1.0 U	5.0 U	
Ethyl ether	NS	2.5 UJ	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U	
Ethylbenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.29 U	0.70 U	2.5 U	
Hexachlorobutadiene	0.5	2.5 U	25 U	0.7 UJ	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.241 U	0.70 U	2.5 U	
Isopropylbenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.405 U	0.70 U	2.5 U	
Methyl tert butyl ether	10	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.244 U	0.70 U	2.5 U	
Methylene chloride	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.397 U	0.70 U	2.5 U	
n-Butylbenzene	5	2.5 U	25 U	0.7 U	2.5 UJ	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.399 U	0.70 U	2.5 U	
n-Propylbenzene	5	2.5 U	25 U	0.7 U	2.5 UJ	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.384 U	0.70 U	2.5 U	
Naphthalene	10	3.4	25 U	1 J	2.5 UJ	NC	1.3 J	2.5 U	0.71 J	1.1 J	0.212 U	0.70 U	2.5 U	
o-Chlorotoluene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U	
p-Xylene	5	2 J	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.261 U	0.70 U	2.5 U	
p-Chlorotoluene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U	
p-Diethylbenzene	NS	4.2	20 U	0.7 U	0.75 J	NC	1.2 J	0.96 J	0.75 J	2 U	0.341 U	0.70 U	2.0 U	
p-Ethyltoluene	NS	1.3 J	20 U	0.7 U	2 U	NC	2 U	2 U	0.7 U	2 U	0.2 U	0.70 U	2.0 U	
p-Isopropyltoluene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.377 U	0.70 U	2.5 U	
p/m-Xylene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.578 U	0.70 U	2.5 U	
sec-Butylbenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.444 U	0.70 U	2.5 U	
Styrene	5	2.5 U	25 U	0.7 UJ	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.255 U	0.70 U	2.5 U	
tert-Butylbenzene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.367 U	0.70 U	2.5 U	
Tetrachloroethene (PCE)	5	12	11	1.3	1.6	NC	2.6	1.9	0.95	1.3	0.239 U	0.18 U	0.50 U	
Toluene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.346 U	0.70 U	2.5 U	
trans-1,2-Dichloroethene	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.279 U	0.70 U	2.5 U	
trans-1,3-Dichloropropene	0.4	0.5 U	5 U	0.16 U	0.5 U	NC	0.5 U	0.5 U	0.16 U	0.5 U	0.229 U	0.16 U	0.50 U	
trans-1,4-Dichloro-2-butene	5	2.5 UJ	25 UJ	0.7 U	2.5 UJ	NC	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U	
Trichloroethene (TCE)	5	4	11	1.5	1.3	NC	1.8	0.72	0.47 J	0.81	0.249 U	0.18 U	0.50 U	
Trichlorofluoromethane	5	2.5 U	25 U	0.7 U	2.5 U	NC	2.5 U	2.5 U	0.7 U	2.5 U	0.337 U	0.70 U	2.5 U	
Vinyl acetate	NS	5 U	50 UJ	1 U	5 U	NC	5 U	5 U	1 U	5 U	NA	1.0 U	5.0 U	
Vinyl chloride VC	2	1 U	1.6 J	1.5	1 UJ	NC	1 U	1 U	1.4	0.16 J	0.469 U	0.07 U	1.0 U	
Total VOCs	NS	66	24	12	10	NC	14	5.38	11.18	13.77	1.67	0.0	0.0	
Total CVOCs	NS	24	24	5	4	NC	7	2.62	7.32	2.27	0	0	0	

Notes
 (1) NYSDEC Ambient Water Quality Standards and Guidance
 CVOCs = PCE, TCE, DCE, and VC
 NC - Not collected
 ND - Not detected
 NS - No Standard
 NA - Not Analyzed
 J - Data indicates the presence of a compound that meets
 U - The analyte was analyzed for, but was not detected at
 E - Concentration of analyte exceeds the range of the standard
 Highlighted values indicate exceedance of the NYSDEC A

Table 3
 Historic Groundwater Sampling Results
 3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MLWell																																															
		10/17/2012 L1218814-01	1/30/2013 L1301890-01	9/30/2013 L1319520-06	10/7/2014 L1423615-01	5/11/2015 L1510117-03	10/2/2015 L1524907-09	3/29/2016 L1609110-07	6/22/2016 L1619370-07	9/16/2016 L1629514-07	12/6/2016 L1639729-06	3/1/2017 L1706520-06	6/1/2017 L1718024-05	9/20/2017 L1733661-04	12/13/2017 L1746240-08	3/14/2018 L1808694-09	9/5/2018 L1835036-08	3/6/2019 L1908838-04	9/16/2019 L1942467-07	5/11/2020 L2019409-05	1/14/2021 L2102213-07	3/16/2022 L2214084-07	3/30/2023 23C1840-06	3/22/2024 L2415955-02	3/27/2025 L2518413-04																								
Volatile Organic Compounds in µg/L																																																	
1,1,1,2-Tetrachloroethane	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.216	U	0.70	U	12	U		
1,1,1-Trichloroethane	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.266	U	0.70	U	12	U		
1,1,2,2-Tetrachloroethane	5	0.5	U	2	U	1.2	U	0.14	U	0.14	U	0.14	U	0.14	U	0.5	U	0.17	U	0.5	U	0.5	U	0.5	U	0.5	U	0.42	U	0.5	U	0.17	U	0.5	U	0.5	U	0.5	U	0.17	U	0.5	U	0.256	U	0.17	U	2.5	U
1,1,2-Trichloroethane	1	1.5	U	6	U	3.8	U	0.5	U	0.5	U	0.5	U	0.5	U	1.5	U	0.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.2	U	1.5	U	0.5	U	1.5	U	1.5	U	0.5	U	1.5	U	0.249	U	0.50	U	7.5	U		
1,1-Dichloroethane	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.272	U	0.70	U	12	U		
1,1-Dichloroethene	5	0.5	U	2	U	1.2	U	0.34	J	0.22	J	0.14	U	0.14	U	0.5	U	0.17	U	0.5	U	0.5	U	0.5	U	0.5	U	0.56	J	0.5	U	0.35	J	0.5	U	0.19	J	0.17	J	0.18	J	0.327	U	0.17	U	2.5	U		
1,1-Dichloropropane	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.70	U	12	U				
1,2,3-Trichlorobenzene	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.222	U	0.70	U	12	U		
1,2,3-Trichloropropane	0.04	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.273	U	0.70	U	12	U		
1,2,4,5-Tetramethylbenzene	NS	20		9.5		6.2		3.8		1.6	J	3.1		1.6	J	5.8		4.4		2	U	2	U	4.4	J	2	U	3.8		2.2	J	4.3		1.8	J	2.5		1.8	J	2.5		2.5		NA		0.54	U	10	U
1,2,4-Trichlorobenzene	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.138	U	0.70	U	12	U		
1,2,4-Trimethylbenzene	5	0.9	J	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.31	U	0.70	U	12	U		
1,2-Dibromo-3-chloropropane	0.04	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.432	U	0.70	U	12	U		
1,2-Dibromoethane	0.0006	2	U	8	U	5	U	0.65	U	0.65	U	0.65	U	0.65	U	2	U	0.65	U	2	U	2	U	2	U	2	U	2	U	1.6	U	2	U	0.65	U	2	U	2	U	0.65	U	2	U	0.215	U	0.65	U	10	U
1,2-Dichlorobenzene	3	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.27	U	0.70	U	12	U		
1,2-Dichloroethane	0.6	0.5	U	2	U	1.2	U	0.13	U	0.13	U	0.13	U	0.13	U	0.5	U	0.13	U	0.5	U	0.5	U	0.5	U	0.5	U	0.33	U	0.5	U	0.13	U	0.5	U	0.5	U	0.13	U	0.5	U	0.377	U	0.13	U	2.5	U		
1,2-Dichloropropane	NS	1	U	4	U	2.5	U	0.13	U	0.13	U	0.13	U	0.13	U	1	U	0.14	U	1	U	1	U	1	U	1	U	0.34	U	1	U	0.14	U	1	U	1	U	0.14	U	1	U	0.327	U	0.14	U	5.0	U		
1,3,5-Trimethylbenzene	1	5.5		10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.347	U	0.70	U	12	U		
1,3-Dichlorobenzene	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.283	U	0.70	U	12	U		
1,3-Dichloropropane	3	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.26	U	0.70	U	12	U		
1,4-Dichlorobenzene	5	2.5	U	10	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.311	U	0.70	U	12	U		
1,4-Dioxane	3	NA		NA		NA		NA		NA		NA		41	U	250	U	61	U	250	U	250	U	250	U	250	U	150	U	250	U	61	U	250	U	250	U	61	U	250	U	35.3	U	61	U	1200	U		
2,2-Dichloropropane	NS	120	U	250	U	6.2	U	0.7	U	0.7	U	0.7	U	0.7	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	U	2.5	U	1.8	U	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.70	U	12	U				
2-Butanone	5	250	U	500	U	12	U	1.9	U	1.9	U	1.9	U	1.9	U	5	U	1.9	U	5	U	5	U	5	U	5	U	4.8	U	5	U	1.9	U	5	U	5	U	5	U	1.9	U	5	U	0.421	U	1.9	U	25	U
2-Hexanone	50	250	U	500	U	12	U	1	U	1	U	1	U	1	U	5	U	1	U	5	U	5	U	5	U	5	U	5	U	5	U	1	U	5	U	5	U	1	U	5	U	0.32	U	1.0	U	25	U		
4-Methyl-2-pentanone	NS	250	U	500	U	12	U	1	U	1	U	1	U	1	U	5	U	1	U	5	U	5	U	5	U	5	U	5	U	5	U	1	U	5	U	5	U	1	U	5	U	0.365	U	1.00	U	25	U		
Acetone	50	250	U	500	U	12	U	1.5	U	1.5	U	1.6	J	1.5	U	68	J	1.5	U	5	U	5	U	1.7	J	5	U	5	U	24		1.5	J	5	U	2.6	J	1.6	J	1.5	U	5	U	1.34	U	1.5	U	25	U
Acrylonitrile	5	250	U	500	U	12	U	1.5	U	1.5	U	1.5	U	1.5	U	5	U	1.5	U	5	U	5	U	5	U	5	U	3.8	U	5	U	1.5	U	5	U	5	U	5	U	1.5	U	5	U	0.422	U	1.5	U	25	U
Benzene	1	25	U	50	U	1.2	U	0.16	U	0.16	U	0.16	U	0.16	U	0.5	U	0.16	U	0.5	U	0.5	U	0.5	U	0.5	U	0.4	U	0.5	U	0.16	U	0.5	U	0.5	U	0.16	U	0.5	U	0.279	U	0.16	U	2.5	U		
Bromobenzene	5	120	U	250	U	6.2	U	0.7	U	0.7	U	0.7</																																					

Table 3
 Historic Groundwater Sampling Results
 3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MLWell#																				
		35-40'																				
		10/17/2012	1/30/2013	9/30/2013	3/29/2016	6/22/2016	9/16/2016	12/6/2016	3/1/2017	6/1/2017	9/20/2017	12/13/2017	3/14/2018	9/5/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	3/27/2025
Volatile Organic Compounds in µg/L																						
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.216 U	0.70 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.266 U	0.70 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 U	0.5 U	0.17 U	0.5 U	0.5 U	0.17 U	0.5 U	0.256 U	0.17 U	0.50 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U	0.5 U	1.5 U	0.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	0.5 U	1.5 U	0.5 U	1.5 U	1.5 U	0.5 U	1.5 U	0.249 U	0.50 U	1.5 U
1,1-Dichloroethane	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.272 U	0.70 U	2.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.14 U	0.5 U	0.17 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 U	0.5 U	0.17 U	0.5 U	0.5 U	0.17 U	0.5 U	0.327 U	0.17 U	0.50 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.222 U	0.70 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.273 U	0.70 U	2.5 U
1,2,4,5-Tetramethylbenzene	NS	0.7 J	0.75 J	2 U	0.65 U	2 U	0.66 J	2 U	2 U	2 U	2 U	2 U	0.54 U	2 U	0.54 U	2 U	2 U	0.54 U	2 U	NA	0.54 U	2.0 U
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.138 U	0.70 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.31 U	0.70 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.432 U	0.70 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	0.65 U	2 U	0.215 U	0.65 U	2.0 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.27 U	0.70 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.377 U	0.13 U	0.50 U
1,2-Dichloropropane	NS	1 U	1 U	1 U	0.13 U	1 U	0.14 U	1 U	1 U	1 U	1 U	1 U	0.14 U	1 U	0.14 U	1 U	1 U	0.14 U	1 U	0.327 U	0.14 U	1.0 U
1,3,5-Trimethylbenzene	1	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.347 U	0.70 U	2.5 U
1,3-Dichlorobenzene	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.283 U	0.70 U	2.5 U
1,3-Dichloropropane	3	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.26 U	0.70 U	2.5 U
1,4-Dichlorobenzene	5	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.311 U	0.70 U	2.5 U
1,4-Dioxane	3	NA	NA	NA	41 U	250 U	61 U	250 U	250 U	250 U	250 U	250 U	61 U	250 U	61 U	250 U	250 U	61 U	250 U	35.3 U	61 U	250 U
2,2-Dichloropropane	NS	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
2-Butanone	5	5,000 U	5 U	5 U	1.9 U	5 U	1.9 U	5 U	5 U	5 U	5 U	5 U	1.9 U	5 U	1.9 U	5 U	5 U	1.9 U	5 U	0.421 U	1.9 U	5.0 U
2-Hexanone	50	5,000 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.32 U	1.0 U	5.0 U
4-Methyl-2-pentanone	NS	5,000 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.365 U	1.0 U	5.0 U
Acetone	50	5,000 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	5 U	1.5 U	5 U	1.34 U	1.5 U	5.0 U
Acrylonitrile	5	5,000 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	5 U	1.5 U	5 U	5 U	1.5 U	5 U	0.422 U	1.5 U	5.0 U
Benzene	1	500 U	0.5 U	0.5 U	0.16 U	0.5 U	0.16 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.16 U	0.5 U	0.16 U	0.5 U	0.5 U	0.16 U	0.5 U	0.279 U	0.16 U	0.50 U
Bromobenzene	5	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
Bromochloromethane	5	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.354 U	0.70 U	2.5 U
Bromodichloromethane	50	500 U	0.5 U	0.5 U	0.19 U	0.5 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.19 U	0.5 U	0.19 U	0.5 U	0.5 U	0.19 U	0.5 U	0.245 U	0.19 U	0.50 U
Bromoform	50	2,000 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	2 U	2 U	2 U	0.65 U	2 U	0.65 U	2 U	2 U	0.65 U	2 U	0.163 U	0.65 U	2.0 U
Bromomethane	5	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.119 U	0.70 U	2.5 U
Carbon disulfide	60	5,000 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.362 U	1.00 U	5.0 U
Carbon tetrachloride	5	500 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.204 U	0.13 U	0.50 U
Chlorobenzene	5	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.284 U	0.70 U	2.5 U
Chloroethane	5	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.448 U	0.70 U	2.5 U
Chloroform	7	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.243 U	0.70 U	2.5 U
Chloromethane	NS	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.372 U	0.70 U	2.5 U
cis-1,2-Dichloroethene (DCE)	5	25,000	3.8	2.5 U	0.74 J	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.1 J	2.6	2.5 U	2.5 U	1.1 J	1.4 J	0.294 U	0.70 U	2.5 U
cis-1,3-Dichloropropene	0.4	500 U	0.5 U	0.5 U	0.14 U	0.5 U	0.14 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.14 U	0.5 U	0.14 U	0.5 U	0.5 U	0.14 U	0.5 U	0.262 U	0.14 U	0.50 U
Dibromochloromethane	50	500 U	0.5 U	0.5 U	0.15 U	0.5 U	0.15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.15 U	0.5 U	0.15 U	0.5 U	0.5 U	0.15 U	0.5 U	0.146 U	0.15 U	0.50 U
Dibromomethane	5	5,000 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.203 U	1.0 U	5.0 U
Dichlorodifluoromethane	5	5,000 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.451 U	1.0 U	5.0 U
Ethyl ether	NS	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U	2.5 U
Ethylbenzene	5	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.29 U	0.70 U	2.5 U
Hexachlorobutadiene	0.5	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.241 U	0.70 U	2.5 U
Isopropylbenzene	5	2,500 U	0.71 J	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.405 U	0.70 U	2.5 U
Methyl tert butyl ether	10	2,500 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.244 U	0.70 U	2.5 U
Methylene chloride	5	2,500 U	2.5 U	2.5 U	0.7 U																	

Table 3
 Historic Groundwater Sampling Results
 3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Depth: Sampling Date: Laboratory ID:	NYSDEC (1) Ambient Water Quality Standards	MLWell 55-40'			75-80'			MLWell 95-100'			115-120'		
		10/17/2012 L1218814-03	1/30/2013 L1301890-03	9/30/2013 L1319520-08	10/17/2012 L1218814-04	1/30/2013 L1301890-04	9/30/2013 L1319520-09	10/17/2012 L1218814-05	9/30/2013 L1319520-10	1/30/2013 L1301890-05	10/17/2012 L1218814-06	1/30/2013 L1301890-06	9/30/2013 L1319520-11
Volatile Organic Compounds in µg/L													
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	1	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	3	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
2,2-Dichloropropane	NS	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	5	100 U	5 U	5 U	12 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	100 U	5 U	5 U	12 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS	100 U	5 U	5 U	12 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	100 U	1.6 J	5 U	12 U	68	5 U	5 U	5 U	4.3 J	2.1	9	5 U
Acrylonitrile	5	100 U	5 U	5 U	12 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	10 U	0.5 U	0.5 U	1.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.34	0.5 U	0.5 U
Bromobenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	10 U	0.5 U	0.5 U	1.2 U	0.33 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	40 U	2 U	2 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	60	100 U	5 U	5 U	12 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	10 U	0.5 U	0.5 U	1.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	NS	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene (DCE)	5	870	2.5 U	2.5 U	74	2.5 U	2.5 U	23	2.5 U	2.5 U	3.9	2.5 U	2.5 U
cis-1,3-Dichloropropene	0.4	10 U	0.5 U	0.5 U	1.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	10 U	0.5 U	0.5 U	1.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	100 U	5 U	5 U	12 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	100 U	5 U	5 U	12 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethyl ether	NS	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.79	2.5 U	2.5 U
Hexachlorobutadiene	0.5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl tert butyl ether	10	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methylene chloride	5	50 U	2.5 U	2.5 U	2.3 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Propylbenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	10	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Chlorotoluene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Xylene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Diethylbenzene	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
p-Ethyltoluene	NS	40 U	2 U	2 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p/m-Xylene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
sec-Butylbenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene (PCE)	5	410	2.5 U	0.5 U	120	2.5 U	0.5 U	3.8	0.5 U	0.71 J	1.9	15	2.5 U
Toluene	5	50 U	2.5 U	2.5 U	6.2 U	2.4 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.93 J
trans-1,2-Dichloroethene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	0.4	10 U	0.5 U	0.5 U	1.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene (TCE)	5	100	0.5 U	0.5 U	6.3	0.5 U	0.5 U	6.2	0.5 U	0.95	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	50 U	2.5 U	2.5 U	6.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl acetate	NS	100 U	5 U	5 U	12 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride VC	2	290	1 U	1 U	15	1 U	1 U	13	1 U	1 U	2	1 U	1 U
Total VOCs	NS	1,670	2	0	218	96	0	46	0	5	12	24	3
Total CVOCs	NS	1,670	0	0	215	0	0	46	0	1	9	15	3

Notes
 (1) NYSDEC Ambient Water Quality Standards and Guidance
 CVOCs = PCE, TCE, DCE, and VC
 NC - Not collected
 ND - Not detected
 NS - No Standard
 NA - Not Analyzed
 J - Data indicates the presence of a compound that meets the standard
 U - The analyte was analyzed for, but was not detected at the standard
 E - Concentration of analyte exceeds the range of the standard
 Highlighted values indicate exceedance of the NYSDEC A

Table 4

SVE System Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Sample Date:	NYSDOH Air Guideline Values ⁽¹⁾	11/10/2015		11/24/2015		12/2/2015		12/9/2015	
Sample Type:		Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
Laboratory ID		L1529463-01	L1529463-02	L1531039-01	L1531039-02	L1531648-01	L1531648-02	L1532455-01	L1532455-02
VOCs by TO-15 in µg/m ³									
1,1,1-Trichloroethane	100 ⁽²⁾	<10.9	<1.09	<10.9	<1.09	<1.09	<1.09	<3.64	<1.09
1,1,2,2-Tetrachloroethane	NS	<13.7	<1.37	<13.7	<1.37	<1.37	<1.37	<4.58	<1.37
1,1,2-Trichloroethane	NS	<10.9	<1.09	<10.9	<1.09	<1.09	<1.09	<3.64	<1.09
1,1 Dichloroethane	100 ⁽²⁾	<8.09	<0.809	<8.09	<0.809	<0.809	<0.809	<2.70	<0.809
1,1 Dichloroethene	NS	<7.93	<0.793	<7.93	<0.793	<0.793	<0.793	<2.64	<0.793
1,2,4-Trichlorobenzene	NS	<14.8	<1.48	<14.8	<1.48	<1.48	<1.48	<4.95	<1.48
1,2,4-Trimethylbenzene	NS	<9.83	<0.983	<9.83	<0.983	<0.983	<0.983	<3.28	<0.983
1,2 Dibromoethane	NS	<15.4	<1.54	<15.4	<1.54	<1.54	<1.54	<5.13	<1.54
1,2 Dichlorobenzene	NS	<12.0	<1.20	<12.0	<1.20	<1.20	<1.20	<4.01	<1.20
1,2 Dichloroethane	NS	<8.09	<0.809	<8.09	<0.809	<0.809	<0.809	<2.70	<0.809
1,2 Dichloropropane	NS	<9.24	<0.924	<9.24	<0.924	<0.924	<0.924	<3.08	<0.924
1,3,5-Trimethylbenzene	NS	<9.83	<0.983	<9.83	<0.983	<0.983	<0.983	<3.28	<0.983
1,3 Butadiene	NS	<4.42	<0.442	<4.42	<0.442	<0.442	<0.442	<1.48	<0.442
1,3 Dichlorobenzene	NS	<12.0	<1.20	<12.0	<1.20	<1.20	<1.20	<4.01	<1.20
1,4 Dichlorobenzene	NS	<12.0	<1.20	<12.0	<1.20	<1.20	<1.20	<4.01	<1.20
1,4-Dioxane	NS	<7.21	<0.721	<7.21	<0.721	<0.721	<0.721	<2.40	<0.721
2,2,4-Trimethylpentane	NS	<9.34	<0.934	<9.34	<0.934	1.02	<0.934	<3.12	<0.934
2-Butanone	NS	<14.7	<1.47	<14.7	6.49	<1.47	1.89	<4.93	2.71
2-Hexanone	NS	<8.20	<0.820	<8.20	<0.820	<0.820	<0.820	<2.73	<0.820
3-Chloropropene	NS	<6.26	<0.626	<6.26	<0.626	<0.626	<0.626	<2.09	<0.626
p-Ethyltoluene	NS	<9.83	<0.983	<9.83	<0.983	<0.983	<0.983	<3.28	<0.983
4-Methyl-2-pentanone	NS	<20.5	<2.05	<20.5	<2.05	<2.05	<2.05	<6.84	<2.05
Acetone	NS	<23.8	<2.38	<23.8	23.4	7.77	33.7	<7.91	28.5
Benzene	NS	<6.39	<0.639	<6.39	1.26	1.4	<0.639	<2.13	<0.639
Benzyl Chloride	NS	<10.4	<1.04	<10.4	<1.04	<1.04	<1.04	<3.45	<1.04
Bromodichloromethane	NS	<13.4	<1.34	<13.4	<1.34	<1.34	<1.34	<4.47	<1.34
Bromoform	NS	<20.7	<2.07	<20.7	<2.07	<2.07	<2.07	<6.90	<2.07
Bromomethane	NS	<7.77	<0.777	<7.77	<0.777	<0.777	<0.777	<2.59	<0.777
Carbon disulfide	NS	<6.23	<0.623	<6.23	<0.623	<0.623	<0.623	<2.08	<0.623
Carbon Tetrachloride	5 ⁽²⁾	<12.6	<1.26	<12.6	<1.26	<1.26	<1.26	<4.20	<1.26
Chlorobenzene	NS	<9.21	<0.921	<9.21	<0.921	<0.921	<0.921	<3.07	<0.921
Chloroethane	NS	<5.28	<0.528	<5.28	<0.528	<0.528	<0.528	<1.76	<0.528
Chloroform	NS	<9.77	<0.977	<9.77	<0.977	<0.977	<0.977	<3.26	<0.977
Chloromethane	NS	<4.13	0.562	<4.13	<0.413	0.94	0.531	<1.38	<0.413
c-1,2-Dichloroethene (DCE)	100 ⁽²⁾	291	<0.793	333	<0.793	44.8	<0.793	130	2.66
c-1,3Dichloropropene	NS	<9.08	<0.908	<9.08	<0.908	<0.908	<0.908	<3.03	<0.908
Cyclohexane	NS	<6.88	<0.688	<6.88	3.79	<0.688	0.75	<2.30	<0.688
Dibromochloromethane	NS	<17.0	<1.70	<17.0	<1.70	<1.70	<1.70	<5.68	<1.70
Dichlorodifluoromethane (Freon 12)	NS	<9.89	1.11	<9.89	2.61	2.25	2.14	<3.30	1.23
Ethanol	NS	<94.2	<9.42	<94.2	10.4	24.7	16.4	<31.5	<9.42
Ethyl Acetate	NS	<18.0	<1.80	<18.0	<1.80	1.81	<1.80	<6.02	<1.80
Ethyl Benzene	NS	<8.69	<0.869	<8.69	<0.869	<0.869	<0.869	<2.90	<0.869
Freon 113	NS	<15.3	<1.53	<15.3	<1.53	<1.53	<1.53	<5.11	<1.53
Freon 114	NS	<14.0	<1.40	<14.0	<1.40	<1.40	<1.40	<4.66	<1.40
Heptane	NS	<8.20	<0.820	<8.20	<0.820	<0.820	<0.820	<2.73	<0.820
Hexachlorobutadiene	NS	<21.3	<2.13	<21.3	<2.13	<2.13	<2.13	<7.11	<2.13
Isopropanol	NS	<12.3	<1.23	<12.3	<1.23	3.52	<1.23	<4.10	<1.23
ter-ButylMethylEther	NS	<7.21	<0.721	<7.21	<0.721	<0.721	<0.721	<2.40	<0.721
Methylene Chloride	60	<17.4	3.75	<17.4	<1.74	<1.74	<1.74	<5.80	<1.74
Naphthalene	60								
n-Hexane	NS	<7.05	<0.705	<7.05	<0.705	0.927	<0.705	<2.35	<0.705
o Xylene	NS	<8.69	<0.869	<8.69	<0.869	<0.869	<0.869	<2.90	<0.869
m + p Xylene	NS	<17.4	<1.74	<17.4	<1.74	<1.74	<1.74	<5.78	<1.74
Styrene	NS	<8.52	<0.852	<8.52	<0.852	<0.852	<0.852	<2.84	<0.852
Tertiary butyl Alcohol	NS	<15.2	<1.52	<15.2	<1.52	3.82	23	<5.06	37.9
Tetrachloroethene (PCE)	100	5,530	<1.36	4,030	<1.36	654	<1.36	1,300	<1.36
Tetrahydrofuran	NS	<14.7	<1.47	<14.7	<1.47	<1.47	<1.47	<4.93	<1.47
Toluene	NS	<7.54	<0.754	<7.54	5.5	2.8	1.31	<2.51	<0.754
1-1,2-Dichloroethene	NS	<7.93	<0.793	<7.93	<0.793	<0.793	<0.793	<2.64	<0.793
1-1,3Dichloropropene	NS	<9.08	<0.908	<9.08	<0.908	<0.908	<0.908	<3.03	<0.908
Trichloroethene (TCE)	5	177	<1.07	125	<1.07	22.9	<1.07	57.5	<1.07
Trichlorofluoromethane (Freon 11)	NS	<11.2	<1.12	<11.2	<1.12	1.64	1.24	<3.75	1.56
Vinyl Bromide	NS	<8.74	<0.874	<8.74	<0.874	<0.874	<0.874	<2.92	<0.874
Vinyl Chloride (VC)	5 ⁽²⁾	<5.11	<0.511	<5.11	<0.511	<0.511	1.13	<1.71	<0.511
Total VOCs	NS	5,998	5.42	4,488	53.45	774	82.09	1,488	74.56
Total CVOCs	NS	5,998	0.00	4,488	0.00	722	1.13	1,488	2.66

Notes:

(1) New York State Department of Health "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" October 2006 Table 3.1.

(2) New York State Department of Health Memo Re: Soil Vapor/Indoor Air Matrices, dated June 25, 2007. Values are based on minimum sub-slab vapor concentration that may trigger mitigation.

NS - No Standard

U - The compound was not detected at the indicated concentration.

R - Analytical results are from sample re-analysis

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

E - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

As of July 2017, the carbon drum has been disconnected from the system; therefore, only an effluent sample is collected.

< - Concentration is less than the reporting limit

Highlighted values indicate detectable concentrations

Table 4

SVE System Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Sample Date:	12/17/2015		3/29/2016		6/22/2016		9/16/2016	
Sample Type:	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
Laboratory ID	L1533640-01	L1533640-02	L1609182-01	L1609182-02	L1619419-01	L1619419-02	L1629526-01	L1629526-02
VOCs by TO-15 in µg/m³								
1,1,1-Trichloroethane	<3.64	<1.09	<2.42	<2.26	<1.09	<1.09	<3.64	<1.09
1,1,2,2-Tetrachloroethane	<4.58	<1.37	<3.04	<2.84	<1.37	<1.37	<4.58	<1.37
1,1,2-Trichloroethane	<3.64	<1.09	<2.42	<2.26	<1.09	<1.09	<3.64	<1.09
1,1 Dichloroethane	<2.70	<0.809	<1.79	<1.68	<0.809	<0.809	<2.70	<0.809
1,1 Dichloroethene	<2.64	<0.793	<1.76	<1.64	<0.793	<0.793	<2.64	<0.793
1,2,4-Trichlorobenzene	<4.95	<1.48	<3.29	<3.07	<1.48	<1.48	<4.95	<1.48
1,2,4-Trimethylbenzene	<3.28	<0.983	<2.18	<2.04	<0.983	<0.983	<3.28	<0.983
1,2 Dibromoethane	<5.13	<1.54	<3.40	<3.18	<1.54	<1.54	<5.13	<1.54
1,2 Dichlorobenzene	<4.01	<1.20	<2.66	<2.49	<1.2	<1.2	<4.01	<1.20
1,2 Dichloroethane	<2.70	<0.809	<1.79	<1.68	<0.809	<0.809	<2.70	<0.809
1,2 Dichloropropane	<3.08	<0.924	<2.05	<1.91	<0.924	<0.924	<3.08	<0.924
1,3,5-Trimethylbenzene	<3.28	<0.983	<2.18	<2.04	<0.983	<0.983	<3.28	<0.983
1,3 Butadiene	<1.48	<0.442	<0.980	<0.916	<0.442	<0.442	<1.48	<0.442
1,3 Dichlorobenzene	<4.01	<1.20	<2.66	<2.49	<1.2	<1.2	<4.01	<1.20
1,4 Dichlorobenzene	<4.01	<1.20	<2.66	<2.49	<1.2	<1.2	<4.01	<1.20
1,4-Dioxane	<2.40	<0.721	<1.60	<1.49	<0.721	<0.721	<2.40	<0.721
2,2,4-Trimethylpentane	<3.12	<0.934	<2.07	<1.93	<0.934	<0.934	<3.12	<0.934
2-Butanone	<4.93	11.1	<3.27	4.54	1.83	84.3	<4.93	30.7
2-Hexanone	<2.73	<0.820	<1.82	<1.70	<0.82	1.84	<2.73	1.04
3-Chloropropene	<2.09	<0.626	<1.39	<1.30	<0.626	<0.626	<2.09	<0.626
p-Ethyltoluene	<3.28	<0.983	<2.18	<2.04	<0.983	<0.983	<3.28	<0.983
4-Methyl-2-pentanone	<6.84	<2.05	<4.55	<4.22	<2.05	<2.05	<6.84	<2.05
Acetone	<7.91	72.9	8.2	16.6	19.5	287	<7.91	32.5
Benzene	<2.13	3.09	<1.42	<1.32	<0.639	22.5	<2.13	<0.639
Benzyl Chloride	<3.45	<1.04	<2.29	<2.14	<1.04	<1.04	<3.45	<1.04
Bromodichloromethane	<4.47	<1.34	<2.97	<2.77	<1.34	<1.34	<4.47	<1.34
Bromoform	<6.90	<2.07	<4.58	<4.28	<2.07	<2.07	<6.90	<2.07
Bromomethane	<2.59	<0.777	<1.72	<1.61	<0.777	<0.777	<2.59	<0.777
Carbon disulfide	<2.08	<0.623	<1.38	<1.29	<0.623	<0.623	<2.08	<0.623
Carbon Tetrachloride	<4.20	<1.26	<2.79	<2.60	<1.26	<1.26	<4.20	<1.26
Chlorobenzene	<3.07	<0.921	<2.04	<1.91	<0.921	<0.921	<3.07	<0.921
Chloroethane	<1.76	<0.528	<1.17	<1.09	<0.528	1.64	<1.76	<0.528
Chloroform	<3.26	<0.977	4.4	<2.02	<0.977	2.92	4.44	<0.977
Chloromethane	<1.38	0.737	<0.915	<0.855	1.07	5.35	<1.38	<0.413
c-1,2-Dichloroethene (DCE)	129	8.01	57.9	53.5	16.4	76.9	113	<0.793
c-1,3Dichloropropene	<3.03	<0.908	<2.01	<1.88	<0.908	<0.908	<3.03	<0.908
Cyclohexane	<2.30	11.5	<1.52	<1.43	<0.688	88.5	<2.30	<0.688
Dibromochloromethane	<5.68	<1.70	<3.77	<3.53	<1.7	<1.7	<5.68	<1.70
Dichlorodifluoromethane (Freon 12)	<3.30	2.25	<2.19	<2.05	2.35	2.13	<3.30	3.03
Ethanol	<31.5	11.1	<20.9	<19.4	<9.42	35	<31.5	<9.42
Ethyl Acetate	<6.02	<1.80	<4.00	<3.71	<1.8	<1.8	<6.02	<1.80
Ethyl Benzene	<2.90	<0.869	<1.92	<1.80	<0.869	<0.869	<2.90	<0.869
Freon 113	<5.11	<1.53	<3.40	<3.17	<1.53	<1.53	<5.11	<1.53
Freon 114	<4.66	<1.40	<3.10	<2.89	<1.4	<1.4	<4.66	<1.40
Heptane	<2.73	<0.820	<1.82	<1.70	<0.82	3.96	<2.73	<0.820
Hexachlorobutadiene	<7.11	<2.13	<4.73	<4.42	<2.13	<2.13	<7.11	<2.13
Isopropanol	<4.10	3.02	<2.73	<2.53	<1.23	2.05	<4.10	<1.23
ter-ButylMethylEther	<2.40	<0.721	<1.60	<1.49	<0.721	<0.721	<2.40	<0.721
Methylene Chloride	<5.80	2.81	<3.86	<3.58	<1.74	<1.74	<5.80	<1.74
Napthalene								
n-Hexane	<2.35	<0.705	<1.56	<1.46	<0.705	<0.705	<2.35	<0.705
o Xylene	<2.90	<0.869	<1.92	<1.80	<0.869	<0.869	<2.90	<0.869
m + p Xylene	<5.78	<1.74	<3.85	<3.60	<1.74	<1.74	<5.78	<1.74
Styrene	<2.84	<0.852	<1.89	<1.76	<0.852	<0.852	<2.84	<0.852
Tertiary butyl Alcohol	<5.06	80.9	<3.36	47.6	<1.52	57	<5.06	12.7
Tetrachloroethene (PCE)	1.320	<1.36	593	<2.81	250	<1.36	1.970	<1.36
Tetrahydrofuran	<4.93	<1.47	<3.27	<3.04	<1.47	<1.47	<4.93	<1.47
Toluene	<2.51	6.29	<1.67	<1.56	<0.754	49	<2.51	<0.754
t-1,2-Dichloroethene	<2.64	<0.793	<1.76	<1.64	<0.793	1.29	<2.64	<0.793
t-1,3Dichloropropene	<3.03	<0.908	<2.01	<1.88	<0.908	<0.908	<3.03	<0.908
Trichloroethene (TCE)	59.1	<1.07	30.5	<2.22	14	5.03	91.9	<1.07
Trichlorofluoromethane (Freon 11)	<3.75	1.88	<2.49	<2.33	1.35	1.82	<3.75	<1.12
Vinyl Bromide	<2.92	<0.874	<1.94	<1.81	<0.874	<0.874	<2.92	<0.874
Vinyl Chloride (VC)	<1.71	<0.511	<1.13	<1.06	<0.511	<0.511	<1.71	<0.511
Total VOCs	1,508	215.59	694	122.24	306.5	728.23	2,179.34	79.97
Total CVOCs	1,508	8.01	681.4	53.50	280.4	81.93	2,174.90	0.00

Notes:

- (1) New York State Department of Health "Guidance"
- (2) New York State Department of Health Memo R
- NS - No Standard
- U - The compound was not detected at the indic
- R - Analytical results are from sample re-analysis
- J - Data indicates the presence of a compound th
- B - The analyte was found in the laboratory blank c
- D - The reported value is from a secondary analys
- E - Indicates the analyte 's concentration exceeds
- As of July 2017, the carbon drum has been disconn
- < - Concentration is less than the reporting limit
- Highlighted values indicate detectable concentre

Table 4

SVE System Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Sample Date:	12/6/2016		3/1/2017		6/1/2017		7/19/2018	6/24/2019	8/1/2019	5/11/2020	3/30/2023	3/22/2024	4/7/2025
Sample Type:	Influent	Effluent	Influent	Effluent	Influent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Laboratory ID	L1639639-01	L1639639-02	L1706431-01	L1706431-02	L1718104-01	L1718104-02	L1827750-01	L1927713-01	L1934426-01	L1934426-01	23C1873-01	L2415943-01	L2522590-01
VOCs by TO-15 in µg/m³													
1,1,1-Trichloroethane	<2.18	<1.09	<1.09	<1.09	<2.18	<1.09	<1.36	<2.23	<2.52	<1.09	<0.767	<1.09	<1.09
1,1,2,2-Tetrachloroethane	<2.75	<1.37	<1.37	<1.37	<2.75	<1.37	<1.72	<2.6	<3.17	<1.37	<0.965	<1.37	<1.37
1,1,2-Trichloroethane	<2.18	<1.09	<1.09	<1.09	<2.18	<1.09	<1.36	<2.23	<2.52	<1.09	<0.767	<1.09	<1.09
1,1 Dichloroethane	<1.62	<0.809	<0.809	<0.809	4.61	<0.809	<1.01	<1.06	<1.87	<0.809	<0.569	<0.809	<0.809
1,1 Dichloroethene	<1.59	<0.793	<0.793	<0.793	<1.59	<0.793	<0.991	<1.62	<1.83	<0.793	<0.279	<0.793	<0.793
1,2,4-Trichlorobenzene	<2.97	<1.48	<1.48	<1.48	<2.97	<1.48	<1.86	<3.03	<3.42	<1.48	<1.04	<1.48	<1.48
1,2,4-Trimethylbenzene	<1.97	<0.983	<0.983	<0.983	<1.97	<0.983	2.61	<2.01	<2.27	<0.983	<0.691	<0.983	<0.983
1,2 Dibromoethane	<3.07	<1.54	<1.54	<1.54	<3.07	<1.54	<1.92	<3.14	<3.54	<1.54	<1.08	<1.54	<1.54
1,2 Dichlorobenzene	<2.4	<1.2	<1.2	<1.2	<2.4	<1.2	<1.50	<2.45	<2.77	<1.2	<0.845	<1.2	<1.20
1,2 Dichloroethane	<1.62	<0.809	<0.809	<0.809	<1.62	<0.809	<1.01	<1.65	<1.87	<0.809	<0.569	<0.809	<0.809
1,2 Dichloropropane	<1.85	<0.924	<0.924	<0.924	<1.85	<0.924	<1.16	<1.89	<2.13	<0.924	<0.65	<0.924	<0.924
1,3,5-Trimethylbenzene	<1.97	<0.983	<0.983	<0.983	<1.97	<0.983	1.45	<2.01	<2.27	<0.983	<0.691	<0.983	<0.983
1,3 Butadiene	<0.885	<0.442	<0.442	<0.442	0.969	<0.442	1.02	<0.903	1.54	<0.442	NC	<0.442	<0.442
1,3 Dichlorobenzene	<2.4	<1.2	<1.2	<1.2	<2.4	<1.2	<1.50	<2.45	<2.77	<1.2	<0.845	<1.2	<1.20
1,4 Dichlorobenzene	<2.4	<1.2	<1.2	<1.2	<2.4	<1.2	<1.50	<2.45	<2.77	<1.2	<0.845	<1.2	<1.20
1,4-Dioxane	<1.44	<0.721	<0.721	<0.721	<1.44	<0.721	<0.901	<1.47	<1.66	<0.721	<1.01	<0.721	<0.721
2,2,4-Trimethylpentane	<1.87	<0.934	<0.934	<0.934	<1.87	<0.934	<1.17	<1.91	<2.15	<0.934	NC	<0.934	<0.934
2-Butanone	<2.95	8.73	<1.47	<1.47	206	122	14.6	<3.01	53.1	<1.47	0.954	<1.47	<1.47
2-Hexanone	<1.64	<0.82	<0.82	<0.82	24.5	43.4	8.24	<1.67	10.6	<0.82	<1.15	<0.82	<0.82
3-Chloropropene	<1.25	<0.626	<0.626	<0.626	<1.25	<0.626	<0.783	<1.28	<1.44	<0.626	<2.2	<0.626	<0.626
p-Ethyltoluene	<1.97	<0.983	<0.983	<0.983	<1.97	<0.983	<1.23	<2.01	<2.27	<0.983	<0.691	<0.983	<0.983
4-Methyl-2-pentanone	<4.1	<2.05	<2.05	<2.05	<4.1	<2.05	<2.56	<4.18	<4.71	<2.05	<0.576	<2.05	<2.05
Acetone	<4.75	11	<2.38	8.69	1,290	568	36.6	16.8	159	<2.38	5.48	<2.38	5.39
Benzene	<1.28	<0.639	<0.639	<0.639	<1.28	2.09	<0.799	<1.3	<1.47	<0.639	<0.449	<0.639	<0.639
Benzyl Chloride	<2.07	<1.04	<1.04	<1.04	<2.07	<1.04	<1.29	<2.11	<2.39	<1.04	<0.728	<1.04	<1.04
Bromodichloromethane	<2.68	<1.34	<1.34	<1.34	<2.68	<1.34	<1.67	<2.73	<3.09	<1.34	<0.942	<1.34	<1.34
Bromoform	<4.14	<2.07	<2.07	<2.07	<4.14	<2.07	<2.58	<4.22	<4.77	<2.07	<1.45	<2.07	<2.07
Bromomethane	<1.55	<0.777	<0.777	<0.777	<1.55	<0.777	<0.971	<1.58	<1.79	<0.777	<0.546	<0.777	<0.777
Carbon disulfide	<1.25	<0.623	<0.623	<0.623	<1.25	<0.623	<0.779	<1.27	4.83	<0.623	<0.438	<0.623	<0.623
Carbon Tetrachloride	<2.52	<1.26	<1.26	<1.26	<2.52	<1.26	<1.57	<2.57	<2.9	<1.26	0.442	<1.26	<1.26
Chlorobenzene	<1.84	<0.921	<0.921	<0.921	<1.84	<0.921	<1.15	<1.88	<2.12	<0.921	<0.647	<0.921	<0.921
Chloroethane	<1.06	<0.528	<0.528	<0.528	40.4	<0.528	1.05	<1.08	8.79	<0.528	<0.371	<0.528	<0.528
Chloroform	2.6	<0.977	1.32	2.57	5.23	4.1	5.91	<1.99	6.98	1.25	1.03	<0.977	1.36
Chloromethane	<0.826	<0.413	<0.413	<0.413	5.37	0.541	<0.516	1.04	1.35	<0.413	0.639	<0.413	<0.413
c-1,2-Dichloroethene (DCE)	53.5	41.2	39.5	66.2	31.6	88.8	26.1	<1.62	33.6	12.9	13.2	9.3	6.26
c-1,3Dichloropropene	<1.82	<0.908	<0.908	<0.908	<1.82	<0.908	<1.13	<1.85	<2.09	<0.908	<0.638	<0.908	<0.908
Cyclohexane	<1.38	<0.688	<0.688	<0.688	<1.38	3.05	<0.861	<1.4	<1.59	<0.688	<0.484	1.7	<0.688
Dibromochloromethane	<3.41	<1.7	<1.7	<1.7	<3.41	<1.7	<2.13	<3.48	<3.93	<1.7	<1.2	<1.7	<1.70
Dichlorodifluoromethane (Freon 12)	2.62	2.27	1.82	1.82	<1.98	2.35	1.88	2.04	2.54	2.03	3.06	2.3	2.22
Ethanol	<18.8	<9.42	<9.42	<9.42	164	43.3	<2.25	<19.2	<4.14	19	NC	<9.42	<9.42
Ethyl Acetate	<3.6	<1.8	<1.8	<1.8	<3.6	<1.8	<1.18	<3.68	<2.17	<1.8	<1.01	<1.8	<1.80
Ethyl Benzene	<1.74	<0.869	<0.869	<0.869	<1.74	<0.869	3.28	<1.77	<2.0	<0.869	<0.611	<0.869	<0.869
Freon 113	<3.07	<1.53	<1.53	<1.53	<3.07	<1.53	<1.92	<3.53	<3.52	<1.53	<1.08	<1.53	<1.53
Freon 114	<2.8	<1.4	<1.4	<1.4	<2.8	<1.4	<1.75	<3.22	<3.22	<1.4	<0.983	<1.4	<1.40
Heptane	1.64	<0.82	<0.82	<0.82	17.1	<0.82	1.06	<1.67	4.22	<0.82	<0.576	<0.82	<0.82
Hexachlorobutadiene	<4.27	<2.13	<2.13	<2.13	<4.27	<2.13	<2.67	<4.35	<4.92	<2.13	<1.5	<2.13	<2.13
Isopropanol	<2.46	<1.23	<1.23	<1.23	81.9	56.8	9.93	8.6	13	1.72	4.11	1.2	20.2
ter-ButylMethylEther	<1.44	<0.721	<0.721	<0.721	<1.44	<0.721	<0.901	<1.47	<1.66	<0.721	<0.507	<0.721	<0.721
Methylene Chloride	<3.47	<1.74	10.2	<1.74	<3.47	<1.74	<2.17	4.17	<4.00	<1.74	1.42	<1.74	<1.74
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	<1.05	<0.996
n-Hexane	<1.41	<0.705	<0.705	<0.705	2.9	<0.705	<0.881	<1.44	<1.62	0.708	0.743	1.2	3.56
o Xylene	<1.74	<0.869	<0.869	<0.869	<1.74	<0.869	2.65	<1.77	<2.00	0.995	<0.61	<0.869	<0.869
m + p Xylene	<3.47	<1.74	<1.74	<1.74	<3.47	<1.74	8.99	<3.55	<4.00	2.58	<1.22	<1.74	<1.74
Styrene	<1.7	<0.852	<0.852	<0.852	<1.7	<0.852	<1.06	<1.74	<1.96	<0.852	<0.599	<0.852	<0.852
Tertiary butyl Alcohol	<3.03	4.4	<1.52	<1.52	105	114	1.96	<3.09	3.52	<1.52	NC	<1.52	<1.52
Tetrachloroethene (PCE)	685	<1.36	394	<1.36	624	<1.36	746	<3.0	827	173	146	120	144
Tetrahydrofuran	<2.95	<1.47	<1.47	<1.47	<2.95	<1.46	<1.84	<3.01	<3.39	<1.47	<0.829	<1.47	<1.47
Toluene	<1.51	<0.754	<0.754	<0.754	<1.51	5.95	<0.942	<1.54	<1.74	2.62	0.53	<0.754	<0.754
1-1,2-Dichloroethene	<1.59	<0.793	<0.793	1.09	<1.59	1.31	<0.991	<1.62	<1.83	<0.793	<0.557	<0.7936	<0.793
1-1,3Dichloropropene	<1.82	<0.908	<0.908	<0.908	<1.82	<0.908	<1.13	<1.85	<2.09	<0.908	<0.638	<0.908	<0.908
Trichloroethene (TCE)	25.8	<1.07	17.6	<1.07	25.4	<1.07	26.1	<2.19	26	7.74	6.88	4.7	5.86
Trichlorofluoromethane (Freon 11)	<2.25	1.76	1.4	2.28	<2.25	2.25	1.55	<2.29	<2.59	1.16	1.5	1.2	1.14
Vinyl Bromide	<1.75	<0.874	<0.874	<0.874	<1.75	<0.874	<1.09	<1.78	<2.02	<0.874	NC	<0.874	<0.874
Vinyl Chloride (VC)	<1.02	<0.511	<0.511	<0.511	2.01	<0.511	<0.639	<1.04	<1.18	<0.511	<0.18	<0.511	<0.511
Total VOCs	771.16	69.36	465.84	82.65	2,631	1,057.94	900.98	32.65	1,156.07	225.70	185.99	141.60	189.99
Total CVOCs	764.30	41.20	451.10	66.20	683	88.80	798.20	0.00	886.60	193.64	166.08	134.00	156.12

Notes:

- (1) New York State Department of Health "Guidance"
- (2) New York State Department of Health Memo R1639639-01
- NS - No Standard

U - The compound was not detected at the indicated concentration
R - Analytical results are from sample re-analysis
J - Data indicates the presence of a compound that was not in the list
B - The analyte was found in the laboratory blank control
D - The reported value is from a secondary analysis
E - Indicates the analyte's concentration exceeds the reporting limit
As of July 2017, the carbon drum has been disconnected
< - Concentration is less than the reporting limit
Highlighted values indicate detectable concentrations

Table 5

SVE Influent TVOCs
3140 Coney Island Avenue, Brooklyn, New York

Date	SVE Influent TVOCs (µg/m ³)	Average SVE Flow Rate (CFM)	Average VOC Removal Rate (lb/hr)	TVOCs Removed Over Consecutive Time Periods (lbs)	Cumulative TVOCs Removed (lbs)
11/10/15	5,998	218	-	-	-
11/24/15	4,488	217	0.0043	1.4322	1.4322
12/02/15	774	230	0.0022	0.4220	1.8542
12/09/15	1,488	218	0.0009	0.1591	2.0133
12/17/15	1,508	218	0.0012	0.2344	2.2476
03/29/16	694	218	0.0009	2.2177	4.4654
06/22/16	307	230	0.0004	0.8544	5.3198
09/16/16	2,179	230	0.0011	2.2052	7.5250
12/06/16	771	218	0.0012	2.4009	9.9259
03/01/17	465	210	0.0005	1.0086	10.9345
06/01/17	1,135	210	0.0006	1.3865	11.8712
07/19/18	901	210	0.0008	7.9204	19.7915
08/01/19	1,156	210	0.0008	7.3239	27.1155
05/11/20	226	210	0.0005	3.6962	30.8116
03/30/23	186	195	0.0002	3.9376	34.7493
03/22/24	142	195	0.0001	1.0258	35.7751
04/07/25	190	195	0.0001	1.1050	36.8801
Total TVOCs Removed since November 10, 2015 (lbs):				36.8801	

Notes:

- Total TVOCs Removed adjusted for system shutdown for SVI studies (less .4498 lb)
 - System shut down for 101 days between 12/18/2020 through 3/29/2021 for SVI Study
 - System shut down for 15 days between 3/1/2022 through 3/16/2022 for SVI Study

The carbon filtration drum was removed from the system on August 21, 2017. Average SVE flow rates have subsequently decreased since then as the vacuum at gauge VI-703 has increased. The SVE influent concentration on 6/1/17 was edited to remove acetone and 2-butanone, typical laboratory contaminants, that constituted approximately half of the TVOC measurement. Average SVE Flow Rate generated from VI-703 vacuum reading and the Rotron 60Hz blower performance curve.



CHARTS

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

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Chart 2
Groundwater CVOCs Per Well (Excluding MW-14)

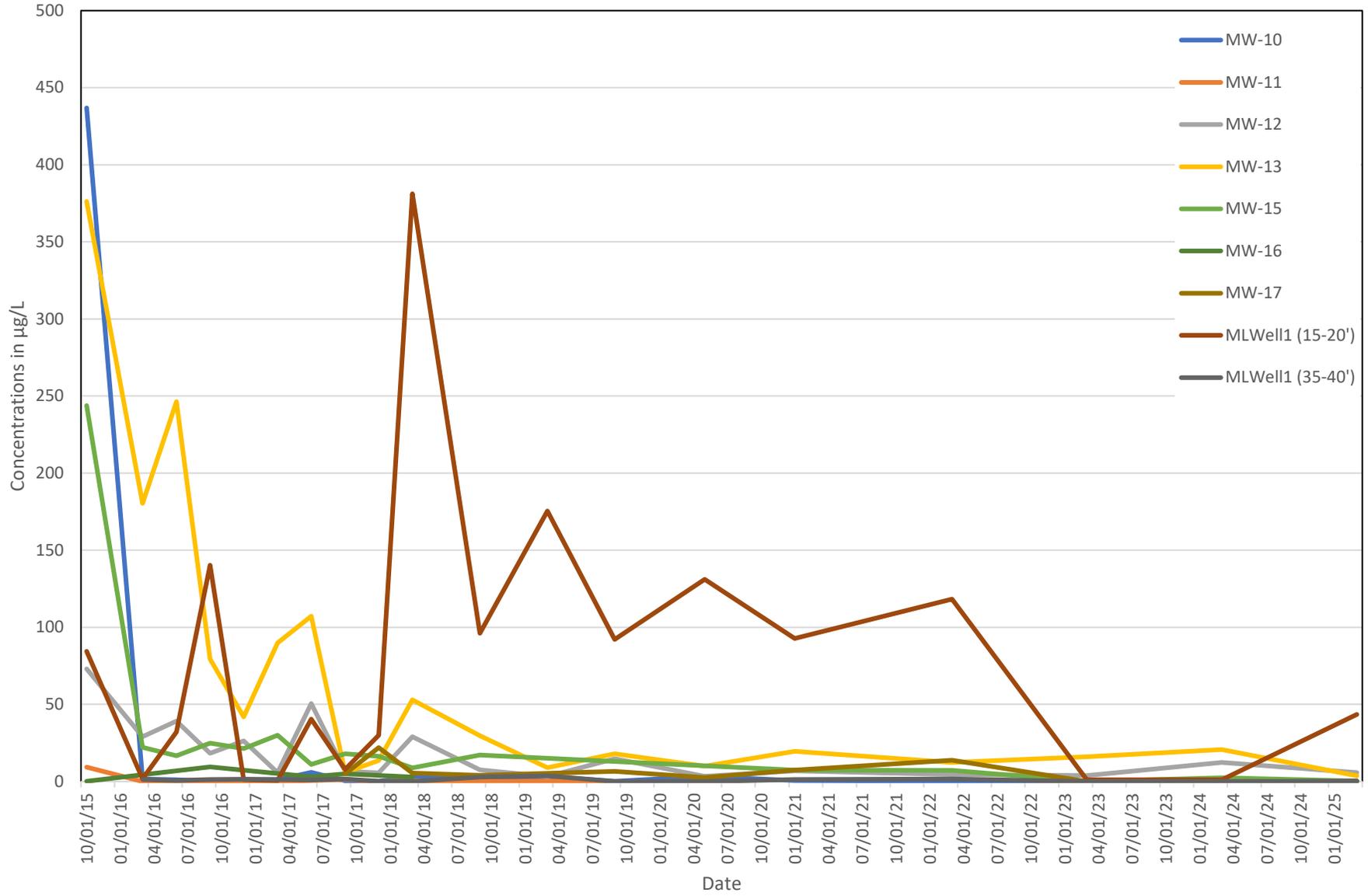


Chart 3
MW-14 - Vinyl Chloride Concentrations Over Time

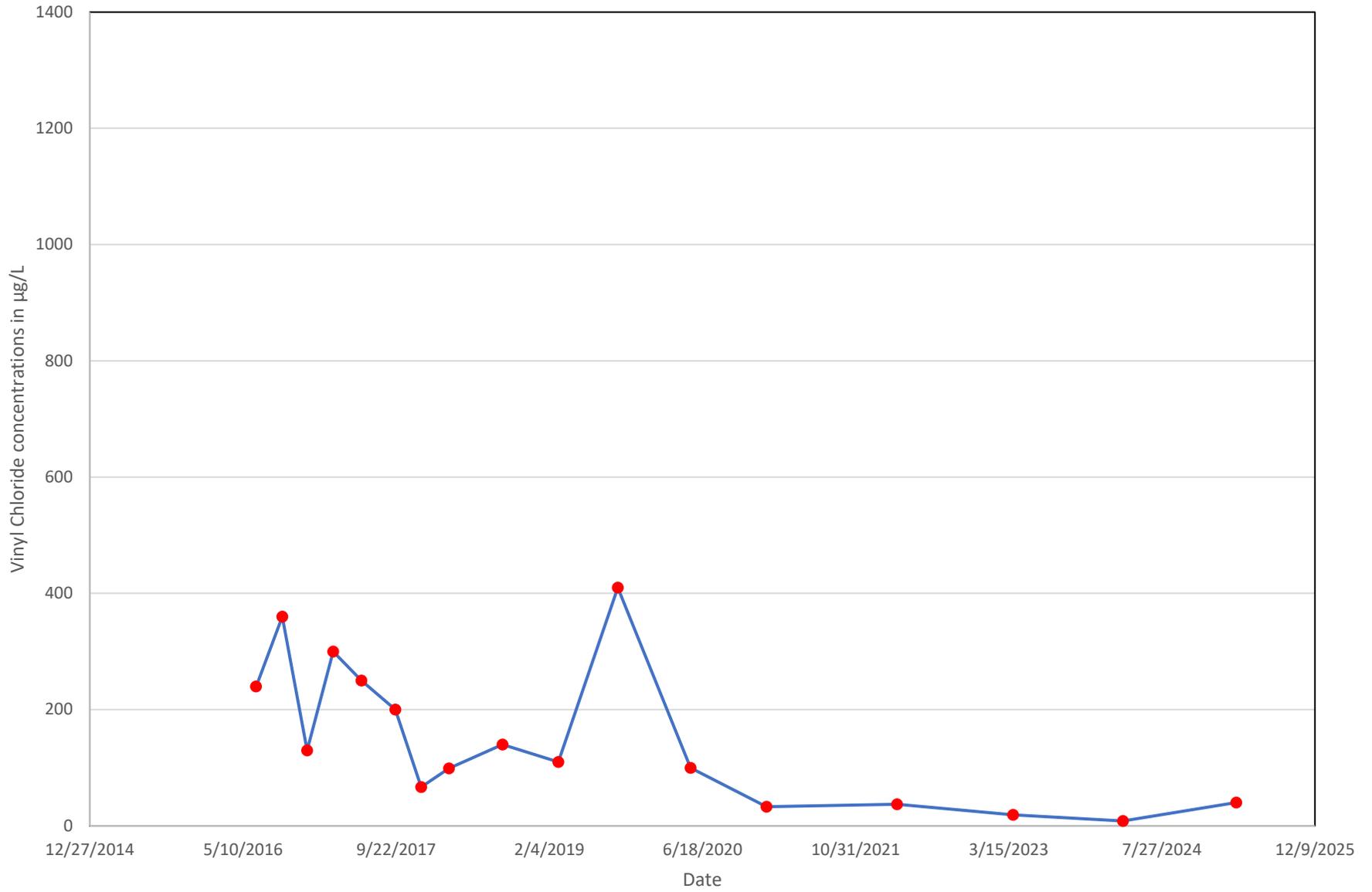


Chart 4
MLWell1 (15-20') - Vinyl Chloride Concentrations Over Time

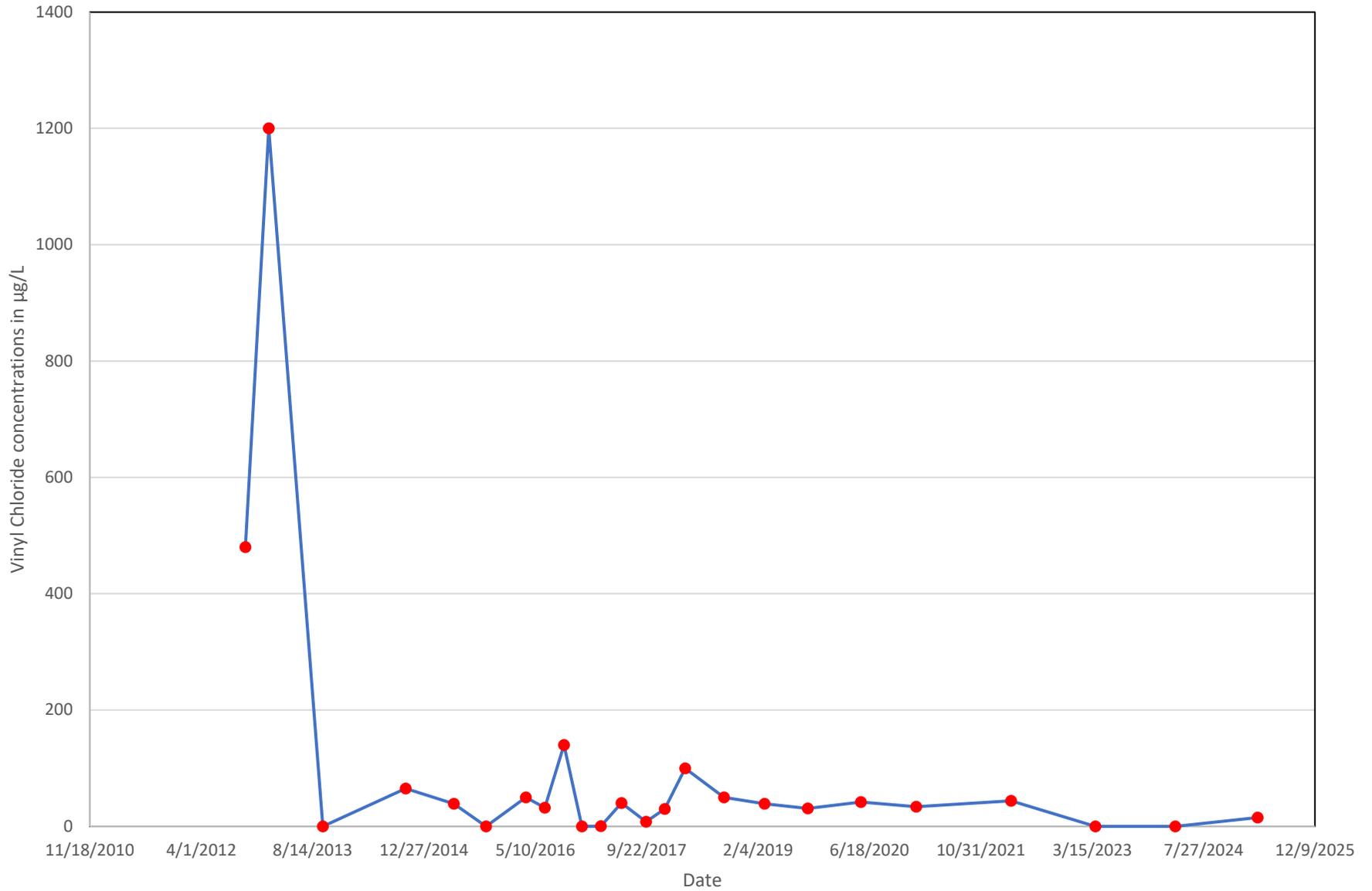
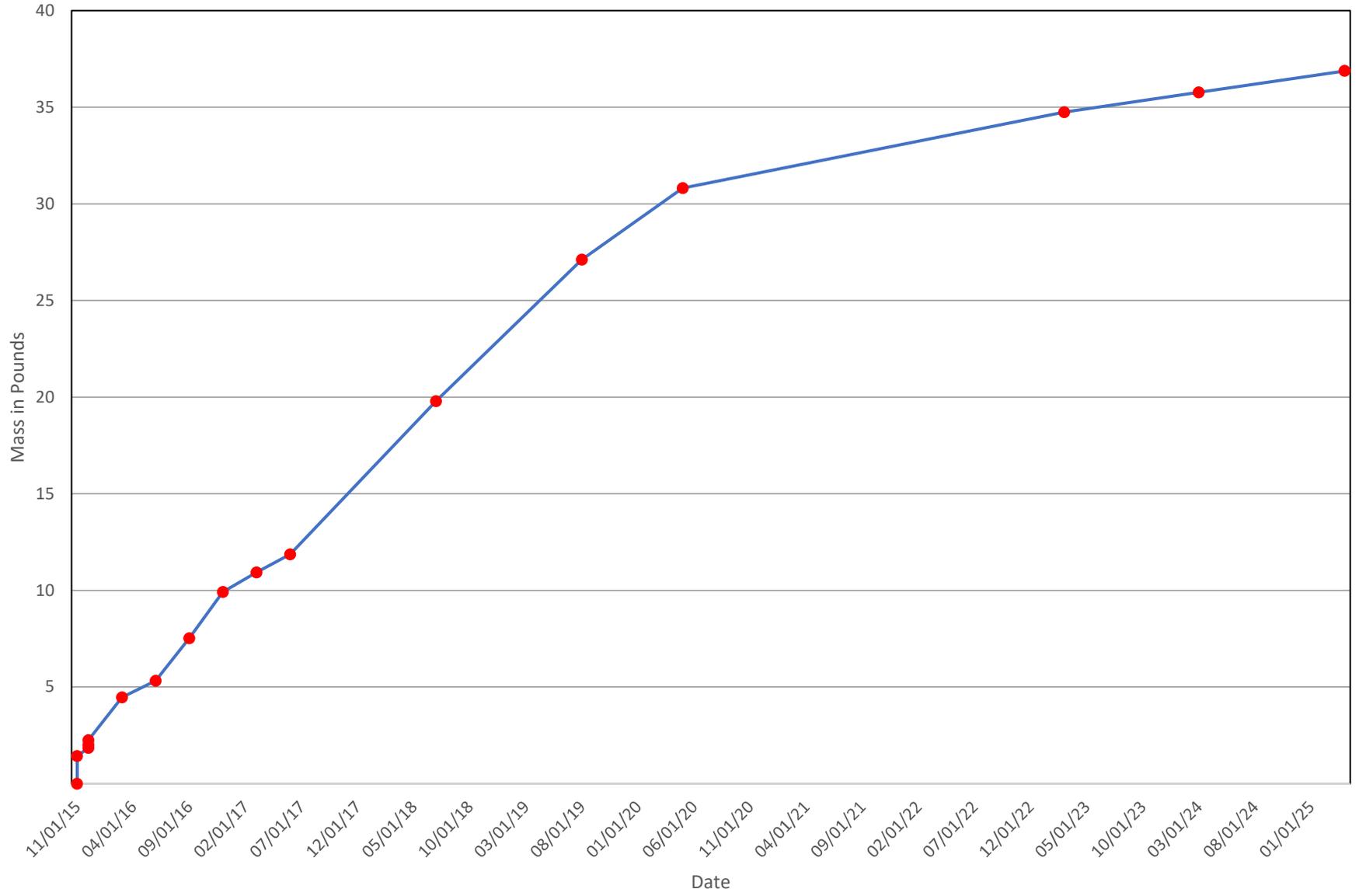


Chart 5
Cumulative TVOC Mass Contaminant Removal Over Time



APPENDIX A

Annual / Severe Weather Inspection Form

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157

Inspector's Name: Andres Ballares

Inspection Time: 13:00

Inspection Date: 03/27/2025

Weather Conditions: Clear, 43-50 F

General Site Conditions: Clean, building occupied by professional offices.

SVE System / SSDS Inspection

- Inspect and record gauge readings and instruments for appropriate operating parameters.
- Inspect the moisture separator drum.
- Inspect visible fasteners for integrity.
- Inspect for cleanliness, remove dust and grease on motor housing, inspect air filter.
- Are the indicator lights on the control panel functioning properly? Yes.

Cover System - Interior

- Any visible cracks or settlement in the ground floors? No.
- Any other visible openings (unintended) in the ground floors? No.

Cover System – Exterior

- Are there any signs of significant cracks, settlement, or deterioration of paved areas? No.
- Has any of the pavement material been removed? No.
- Are there any signs of intrusive activities (drilling, digging, trenching, excavating, etc?) No.

Monitoring Wells

- Are the flush-mounted caps, protective casings, and well plugs / caps for the groundwater, vacuum, and ISCO (if applicable) monitoring wells secured? Yes.

Comments: _____

Inspector's Signature: _____



APPENDIX B

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

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RE: Site No.: C224157 - PRR Comments

From Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>

Date Thu 1/2/2025 11:44 AM

To Jennifer Lewis <jenniferl@pwgrosser.com>

Cc Deyette, Scott (DEC) <scott.deyette@dec.ny.gov>; Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM <MAGICCROWN1@AOL.COM>; McCarthy, Josephine (HEALTH) <Josephine.McCarthy@health.ny.gov>; Perretta, Anthony C (HEALTH) <anthony.perretta@health.ny.gov>

Good morning Jennifer,

Thank you for taking the time to address all of the comments I sent you. Your request to address comments 1 and 2 in the next PRR due April is approved.

After assessing the justification for not repairing/reinstalling MW-11, the Department agrees that rehabilitation of the well is not necessary, but that the well shall be properly decommissioned. Please add a justification for abandoning the well and a description/report of well decommissioning to the next PRR. The decommissioning shall follow guidance included in **CP-43:Groundwater Monitoring Well Decommissioning Policy** and the related addendum, **Groundwater Monitoring Well Decommissioning Procedures** which can be found at [Remediation Guidance And Policy Documents - NYSDEC](#). Please include the CP-43 form presented as "Figure 3 - WELL DECOMMISSIONING RECORD," as well as any other required documentation to the next PRR. A PRR should be written as a standalone document that summarizes the remedial action and the ongoing site management work. It must include all details which explain any deviation from the approved RAWP.

Thank you and happy new year,

Becky Kerrigan

From: Jennifer Lewis <jenniferl@pwgrosser.com>

Sent: Thursday, December 19, 2024 10:00 AM

To: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>

Cc: Deyette, Scott (DEC) <scott.deyette@dec.ny.gov>; Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM; McCarthy, Josephine (HEALTH) <Josephine.McCarthy@health.ny.gov>; Perretta, Anthony C (HEALTH) <anthony.perretta@health.ny.gov>

Subject: Re: Site No.: C224157 - PRR Comments

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Rebecca, thanks for reaching out again and my apologies for missing the 15 day response request.

I have no problem with items one and two, but respectfully request that we add that on for the next PRR due in ~April. My contract with my client did not include this extra effort since we've been preparing this

report for several years now without this and I have no budget left to add this for this year.

For item three, reinstallation of MW-11, our first sampling event was ten years ago in 2014. With the exception of the sample collected in October 2015, there has never been an exceedance in this well. The one exceedance in October 2015 was for vinyl chloride (6.5 ppb) which has been non-detect every single other time the well has been sampled. We have established a very clear trend that contamination has not been migrating off-site in this area, especially since the Remedial Action removed the majority of the source material in 2013 and concentrations would be expected to decrease, not increase. With the exception of MW-14, located on the opposite side of the site from MW-11, there is *de minimis* groundwater impact remaining across the site - each well that at one point had an appreciable concentration of chlorinated solvents has decreased significantly, including MW-14 (this area before MW-14 was installed previously had a groundwater sample with PCE at 340,000 ppb). I know of no other reason to believe that concentrations in MW-11 would suddenly increase or know of any reason to believe that there has been a change in groundwater flow conditions, such as installation of a production well to the east of the site, that could drag the residual contamination in this direction. So, I again respectfully request that the requirement to reinstall or repair MW-11 be rescinded.

Thank you for your consideration in this matter and happy holidays!

Jennifer Lewis, PG | Vice President

P.W. Grosser Consulting

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Office: 631.589.6353

Fax: 631.589.8705



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Please consider the environment - think before you print!

From: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>

Sent: Monday, December 16, 2024 1:26 PM

To: Jennifer Lewis <jenniferl@pwgrosser.com>

Cc: Deyette, Scott (DEC) <scott.deyette@dec.ny.gov>; Gardner, David R (DEC) <david.gardner@dec.ny.gov>;

O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM <MAGICCROWN1@AOL.COM>; McCarthy, Josephine (HEALTH) <Josephine.McCarthy@health.ny.gov>; Perretta, Anthony C (HEALTH) <anthony.perretta@health.ny.gov>

Subject: RE: Site No.: C224157 - PRR Comments

Good afternoon Jennifer,

Apologies for sending yet another email on this – adding in the updated DOH PM for this project, Josephine McCarthy.

Becky Kerrigan

she/her/hers

Project Manager, Remedial Bureau B/Section E

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, Albany, NY 12233-5060

Phone: 518-402-9690 | rebecca.kerrigan@dec.ny.gov

From: Kerrigan, Rebecca L (DEC)

Sent: Monday, December 16, 2024 9:03 AM

To: Jennifer Lewis <jenniferl@pwgrosser.com>

Cc: Deyette, Scott (DEC) <scott.deyette@dec.ny.gov>; Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM

Subject: RE: Site No.: C224157 - PRR Comments

Good morning Jennifer,

I hope this email finds you well. I am reaching out to see if you have completed the required changes from the November 4th comment letter on the PRR.

Thank you,

Becky Kerrigan

she/her/hers

Project Manager, Remedial Bureau B/Section E

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, Albany, NY 12233-5060

Phone: 518-402-9690 | rebecca.kerrigan@dec.ny.gov

From: Jennifer Lewis <jenniferl@pwgrosser.com>

Sent: Thursday, November 21, 2024 5:11 PM

To: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>

Cc: Deyette, Scott (DEC) <scott.deyette@dec.ny.gov>; Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM

Subject: Re: Site No.: C224157 - PRR Comments

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Received, thank you! I will review and get back to you if I have any questions.

Jennifer Lewis, PG | Vice President

P.W. Grosser Consulting

630 Johnson Ave, Suite 7

Bohemia, NY 11716

Office: 631.589.6353

Fax: 631.589.8705



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Please consider the environment - think before you print!

From: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>
Sent: Thursday, November 21, 2024 9:46 AM
To: Jennifer Lewis <jenniferl@pwgrosser.com>
Cc: Deyette, Scott (DEC) <scott.deyette@dec.ny.gov>; Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM <MAGICCROWN1@AOL.COM>
Subject: RE: Site No.: C224157 - PRR Comments

Good morning Jennifer,

Just checking in that you received this comment letter, I know both of us have had issues with spam folders lately.

Please let me know if you have any questions.

Becky Kerrigan

she/her/hers
Project Manager, Remedial Bureau B/Section E
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233-5060
Phone: 518-402-9690 | rebecca.kerrigan@dec.ny.gov

From: Kerrigan, Rebecca L (DEC)
Sent: Monday, November 4, 2024 8:58 AM
To: Jennifer Lewis <jenniferl@pwgrosser.com>
Cc: Deyette, Scott (DEC) <scott.deyette@dec.ny.gov>; Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM
Subject: RE: Site No.: C224157 - PRR Comments

Good morning Jennifer,

I hope this email finds you well.

The comment letter has been updated to reflect the latest guidance from Division of Air. Thank you for your patience on this. Please see attached.

Cheers,

Becky Kerrigan
she/her/hers
Project Manager, Remedial Bureau B/Section E
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233-5060
Phone: 518-402-9690 | rebecca.kerrigan@dec.ny.gov

From: Jennifer Lewis <jenniferl@pwgrosser.com>
Sent: Tuesday, August 6, 2024 10:48 AM
To: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>
Cc: Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM
Subject: Re: Site No.: C224157 - PRR Comments

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Hi Rebecca, following up, thanks!

Jennifer Lewis, PG | Vice President

P.W. Grosser Consulting

630 Johnson Ave, Suite 7

Bohemia, NY 11716

Office: 631.589.6353

Fax: 631.589.8705



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Please consider the environment - think before you print!

From: Jennifer Lewis <jenniferl@pwgrosser.com>

Sent: Thursday, July 11, 2024 9:25 AM

To: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>

Cc: Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM <MAGICCROWN1@AOL.COM>

Subject: Re: Site No.: C224157 - PRR Comments

Hi Rebecca, yes, I replied to you on 6/28 at 4:49pm. Please let me know if you didn't receive that email - we've been going through an email transition the last couple of months, so it is possible it didn't send.

Here is what I said in that email: Hi Rebecca, we're reviewing your comments and had a question on one. Before we removed the carbon drums from the system in 2017, we performed an analysis (via AERSCREEN) to determine that it was ok. is there a new regulation that sets different standard values between Environmental Justice areas and non-Environmental Justice Areas?

Jennifer Lewis, PG | Vice President

P.W. Grosser Consulting

630 Johnson Ave, Suite 7

Bohemia, NY 11716

Office: 631.589.6353

Fax: 631.589.8705



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Please consider the environment - think before you print!

From: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>
Sent: Thursday, July 11, 2024 9:19 AM
To: Jennifer Lewis <jenniferl@pwgrosser.com>
Cc: Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM <MAGICCROWN1@AOL.COM>
Subject: RE: Site No.: C224157 - PRR Comments

Good morning Jennifer,

I hope this email finds you well. Just following up on the PRR comments I sent 2 weeks ago. Please confirm that you received the comments and that the required changes will be made.

Thank you!

Becky Kerrigan

From: Kerrigan, Rebecca L (DEC)
Sent: Thursday, June 27, 2024 4:05 PM
To: Jennifer Lewis <jenniferl@pwgrosser.com>
Cc: Gardner, David R (DEC) <david.gardner@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Ghosh, Arunesh (HEALTH) <Arunesh.Ghosh@health.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; MAGICCROWN1@AOL.COM
Subject: Site No.: C224157 - PRR Comments

Good afternoon Jennifer,

Please see attached response letter to the draft PRR, and PRR outline referenced in the letter. Let me know if you have any questions or concerns.

Cheers,

Becky Kerrigan

she/her/hers

Project Manager, Remedial Bureau B/Section E
Division of Environmental Remediation

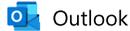
New York State Department of Environmental Conservation

625 Broadway, Albany, NY 12233-5060

Phone: 518-402-9690 | rebecca.kerrigan@dec.ny.gov

www.dec.ny.gov |  |  | 





RE: C224157 - 3140 Coney Island Ave - Well Decommissioning

From Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>
 Date Thu 5/15/2025 3:24 PM
 To Jennifer Lewis <jenniferl@pwgrosser.com>
 Cc Michael Pecoraro <mpecoraro@pwgrosser.com>

Good afternoon Jennifer,

Decommissioning MW-16 is approved based on the below justification. Thank you.

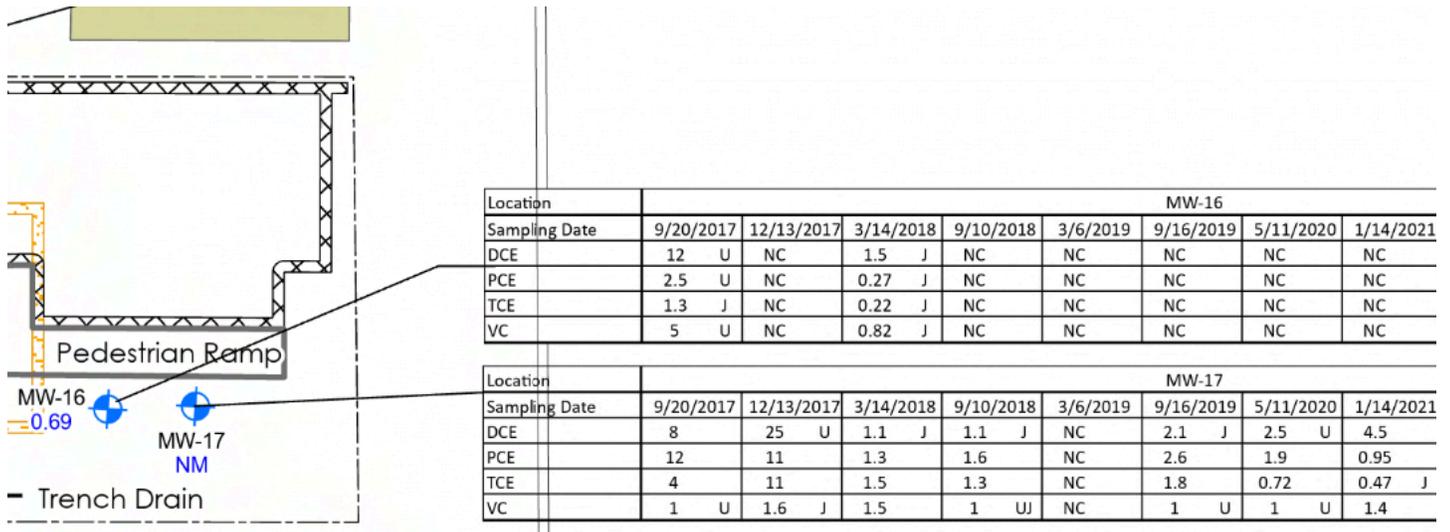
Cheers,

Becky Kerrigan

From: Jennifer Lewis <jenniferl@pwgrosser.com>
 Sent: Thursday, May 15, 2025 12:45 PM
 To: Kerrigan, Rebecca L (DEC) <rebecca.kerrigan@dec.ny.gov>
 Cc: mpecoraro@pwgrosser.com
 Subject: C224157 - 3140 Coney Island Ave - Well Decommissioning

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Hi Rebecca, thanks for taking my call today. As discussed, in addition to decommissioning MW-11 in accordance with CP-43, we'd also like to decommission MW-16. This well has been dry since 2018 and only sporadically had groundwater in it before then. The well was technically replaced by MW-17. We kept it active just in case groundwater ever came back into the well, but it hasn't. Here's a snippet from the 2024 figure showing the locations of the two wells and their data going back to 2017.



Jennifer Lewis, PG | Vice President

P.W. Grosser Consulting
 630 Johnson Ave, Suite 7
 Bohemia, NY 11716
 Office: 631.589.6353
 Fax: 631.589.8705



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

August 10, 2020

Oleg Blinshteyn
3140 Coney Island Realty, LLC
3061 Brighton 6th Street
Brooklyn, NY 11235

Re: Former Brighton Cleaners, Brooklyn
Site No.: C224157
Site Management (SM) Periodic Review Report (PRR) Response Letter

Dear Mr. Blinshteyn (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: March 18, 2019 to March 18, 2020. The Department hereby accepts the PRR and associated Certification with the exceptions noted below. The frequency of Periodic Reviews for this site is 1 year(s), your next PRR is due on April 17, 2021. You will receive a reminder letter and updated certification form 45-days prior to the due date.

The PRR recommends that groundwater monitoring and sampling at the site cease. This recommendation is based on data which shows apparent asymptotic trends in most of the wells. After reviewing the data available the Department requires that groundwater sampling continue at all on-site wells on an annual basis for at least two more years to confirm that this apparent asymptotic trend in source area is sustained and to evaluate apparent increases in vinyl chloride concentrations.

The PRR also recommends conversion of the site's Soil Vapor Extraction (SVE) system to a passive Sub Slab Depressurization System (SSDS) based on the SVE effluent sample results. The Department disagrees with this recommendation. The NYS Department of Health (DOH) typically requires three consecutive years of demonstrated declining vapor contamination before approving the conversion of active mitigation systems to passive measures. Instead of SVE effluent sampling, DOH recommends soil vapor intrusion (SVI) sampling in the on-site structure over a period of three sampling events to justify the conversion of the SVE to a passive SSDS. Soil vapor intrusion sampling should: a) include concurrent sub-slab and indoor air sampling; b) be conducted during the heating season; and c) be conducted with the SVE system shut off for an adequate period of time prior to sampling. Shutting the SVE system off temporarily prior to sampling helps emulate post-SVE decommissioning conditions in the building and provides a better understanding of the potential for soil intrusion. An

SVI sampling plan should be submitted for approval as a separate document or included as a part of the subsequent PRR.

If you have any questions, please contact me at 718-482-4905 or by e-mail at yukyin.wong@dec.ny.gov

Sincerely,

Bryan Wong
Project Manager

ec: Jane O'Connell Nigel Crawford – NYSDEC
Scarlett McLaughlin, Arunesh Ghosh – NYSDOH
Nicholas Russell, Jennifer Lewis – P.W. Grosser

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

July 18, 2017

Mr. Oleg Blinshteyn
3140 Coney Island Realty, LLC
3061 Brighton 6th Street
Brooklyn, NY 11235

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter
Former Brighton Cleaners, Brooklyn
Kings County, Site No.: C224157

Dear Oleg Blinshteyn (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: 12/17/2015 to 03/18/2017.

The Department hereby accepts the PRR and associated Certification. The frequency of Periodic Reviews for this site is 1 year(s), your next PRR is due on April 17, 2018. You will receive a reminder letter and updated certification form 45-days prior to the due date.

The PRR report recommends that the activated carbon treatment for the SVE effluent be terminated and the frequency of soil vapor sampling for the SVE system effluent be reduce from quarterly to annually. Based on the information present in Appendix E of the PRR which provides the dispersion modeling analysis performed using the NYSDEC DAR-1 policy, the Department has approves these recommendations.

Within 30 days of the completion of the activities approved herein, please submit revised pages and cover page for the SMP addressing these changes to the engineering controls. If you have any questions, please contact me at 718-482-4905 or e-mail yukyin.wong@dec.ny.gov

Sincerely,

Bryan Wong
Project Manager



ec: Jane O'Connell – NYSDEC
Bridget Boyd – NYSDOH
Jennifer Lewis – PW Grosser

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

October 11, 2017

Jennifer Lewis
Senior Project Manager
P.W. Grosser Consulting
630 Johnson Ave, Suite 7
Bohemia, NY 11716

**Re: Site Name: Former Brighton Cleaners
NYSDEC Site No.: C224157
Site Management Plan Revision**

Dear Ms. Lewis:

The New York State Department of Environmental Conservation (the Department) has reviewed the revised Site Management Plan (SMP) dated October 2017. Based on the review, the revised SMP is hereby approved.

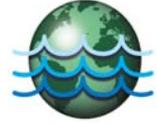
If you have any questions regarding this matter, please contact me at (718) 482-4905 or email: yukyin.wong@dec.ny.gov.

Sincerely,

Bryan Wong
Project Manager

ec: Jane O'Connell – NYSDEC
Bridget Boyd, Justin Deming – NYSDOH
Oleg Blinshteyn – 3140 Coney Island Realty, LLC

P.W. GROSSER CONSULTING



April 28, 2017

Mr. Yuk Yin Wong
New York State Department of Environmental Conservation
Region 2
47-40 21st Street
Long Island City, NY 11101

Re: 3140 Coney Island Avenue, Brooklyn
NYSDEC Spill #16-04244, NYSDEC Site # : C224157

Dear Mr. Wong:

P.W. Grosser Consulting, Inc. (PWGC) is submitting this letter to formally request your approval of proposed modifications to the existing soil vapor extraction system and the soil vapor sampling frequency at the above-referenced Brownfield Cleanup Site. As you have been made aware of from the Final Engineering Report for the former Brighton Cleaners, dated December 2015 and prepared by this office, site remediation activities included, but were not limited to, the installation of a soil vapor extraction (SVE) system.

As depicted on the attached graph, influent VOC soil vapor concentrations have decreased significantly within the 16 months from November 2015 through March 2017. AERSCREEN air-screening software was utilized to estimate the ambient air concentration of Tetrachlorethene, Trichloroethene, and cis-1,2-Dichloroethene, the parameters with the three highest detected VOC concentrations at the site. The results were then compared to **NYSDEC DAR-1 Guidelines for the Evaluation and Control of Ambient Air Contaminants Under Part 212**. Based on the most recent influent air sampling data, both the short-term and long-term ambient air concentrations for all three parameters are well within DAR-1 ambient air limitations. Furthermore, AERSCREEN analysis of the original sampling results from November 2015 also indicate that estimated ambient concentrations were within permitted limitations (See Table 1 attached).

At this time PWGC proposes to discontinue use of activated carbon treatment and reduce the required sampling frequency from quarterly to annually. Based on the most recent as well as historical sampling data, PWGC deems these steps to be considered appropriate.

If you have any questions pertaining to this correspondence, please do not hesitate to contact the undersigned.

Very truly yours,
PWGC

Jennifer Lewis
Project Manager

Doreen Carlson
Sr. Project Manager

SVE - INFLUENT VOCs

3140 Coney Island Ave,
Brooklyn, NY

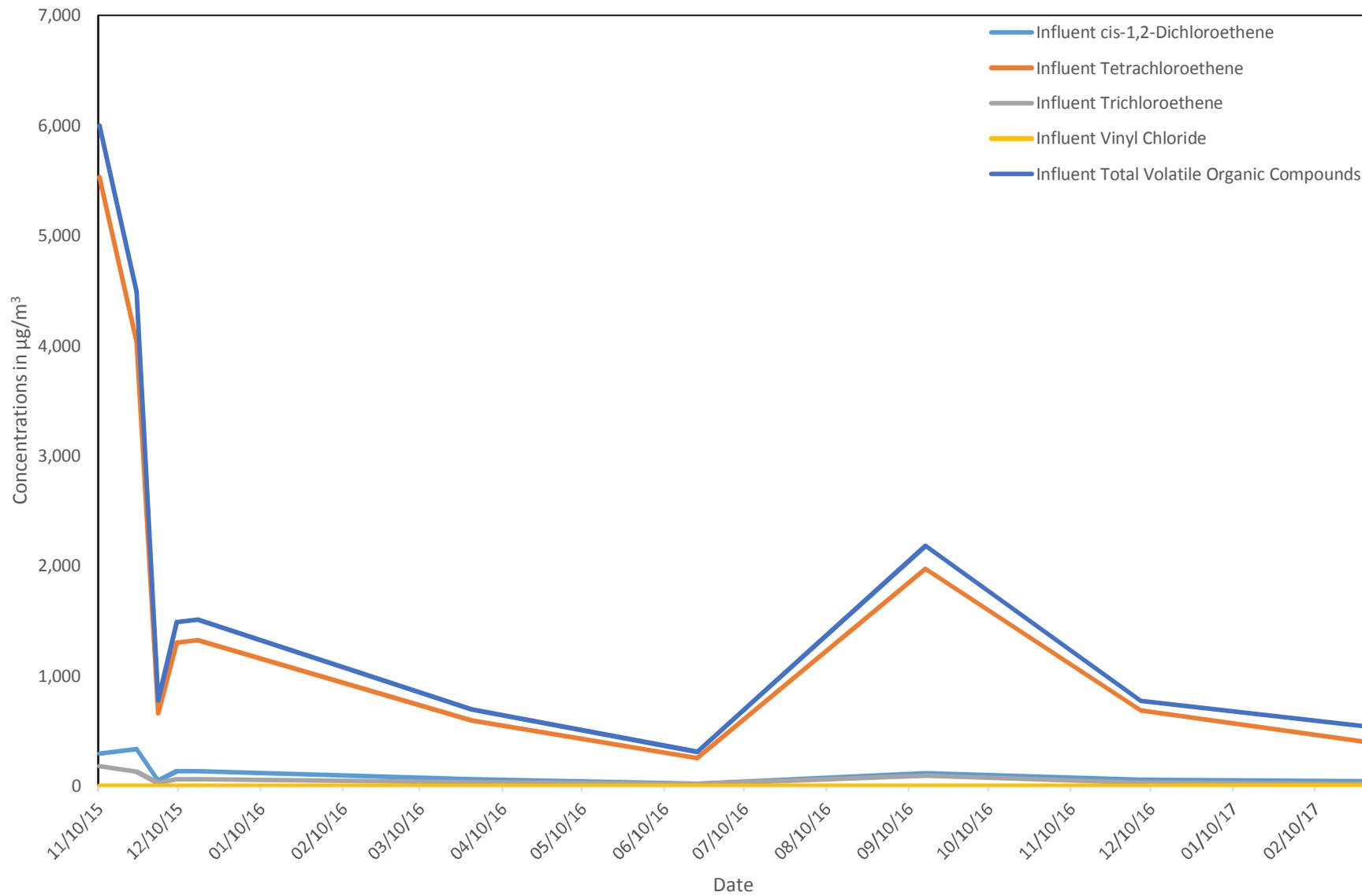


TABLE 1 – AERSCREEN RESULTS
3140 Coney Island Avenue, Brooklyn, NY
Soil Vapor Sampling

Contaminant	CAS #	Mol Weight (g)	Sample Date	Soil Vapor Sampling Results (ug/m ³)	Emission Rates				Guideline Concentrations	
					Pre-Carbon		Est. Conc. (µg/L) Short-term ²	Est. Conc. (µg/L) Annual ²	SGC (µg/L) ³	AGC (µg/L) ³
					lbs/hour ¹	lbs/yr				
					(Pre-Carbon)					
Tetrachloroethene	127-18-4	165.8	11/10/2015	5,530	2.53E-03	22.16	1.27	0.127	300	4
			3/1/2017	394	1.80E-04	1.58	0.096	0.0096		
Trichloroethene	79-01-6	131.4	11/10/2015	177.0	8.10E-05	0.71	0.339	0.0339	20	0.2
			3/1/2017	17.6	8.05E-06	0.07	0.0043	0.0004		
cis-1,2-Dichloroethene	156-59-2	96.95	11/10/2015	291.0	1.33E-04	1.17	0.551	0.0551	NA	63
			3/1/2017	39.5	1.81E-05	0.16	0.0767	0.0077		

¹Air Flow Rate (cfm): 120

²Estimated short-term and annual emission concentration calculated with AERSCREEN Screening Software.

³SCG/ACG - NYSDEC Division of Air Resources **Short-term Guideline Concentration/Annual Guideline Concentration**



APPENDIX C

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

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**FIGURE 3
WELL DECOMMISSIONING RECORD**

Site Name: 3140 Coney Island Ave	Well I.D.: MW-11
Site Location: 3140 Coney Island Ave, Brooklyn, NY	Driller:
Drilling Co.:	Inspector: Michael Pecoraro
	Date: 5/16/2025

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

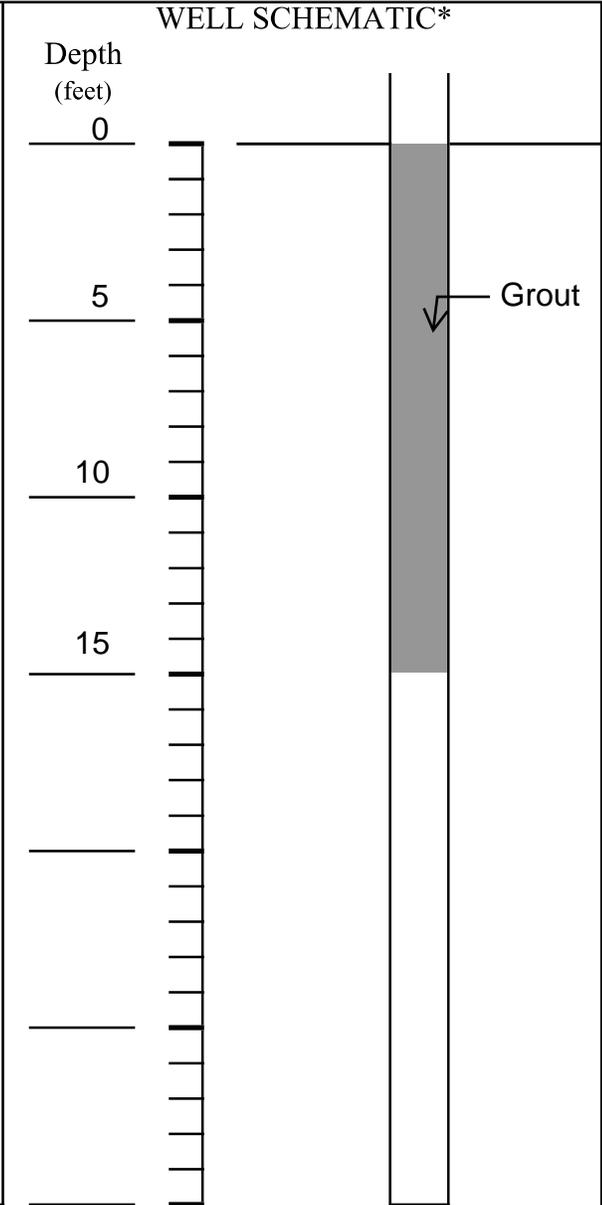
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in.)	

CASING PERFORATING

Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	

GROUTING

Interval grouted (FBLs)	0-15'
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	3.9
Quantity of cement used (lbs.)	47
Cement type	Type 1 Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	4.5
Volume of grout used (gal.)	2.5



COMMENTS:

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

Drilling Contractor _____

Department Representative _____

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: 3140 Coney Island Ave	Well I.D.: MW-16
Site Location: 3140 Coney Island Ave, Brooklyn, NY	Driller:
Drilling Co.:	Inspector: Michael Pecoraro
	Date: 5/16/2025

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING

Interval Drilled	<input type="text"/>
Drilling Method(s)	<input type="text"/>
Borehole Dia. (in.)	<input type="text"/>
Temporary Casing Installed? (y/n)	<input type="text"/>
Depth temporary casing installed	<input type="text"/>
Casing type/dia. (in.)	<input type="text"/>
Method of installing	<input type="text"/>

CASING PULLING

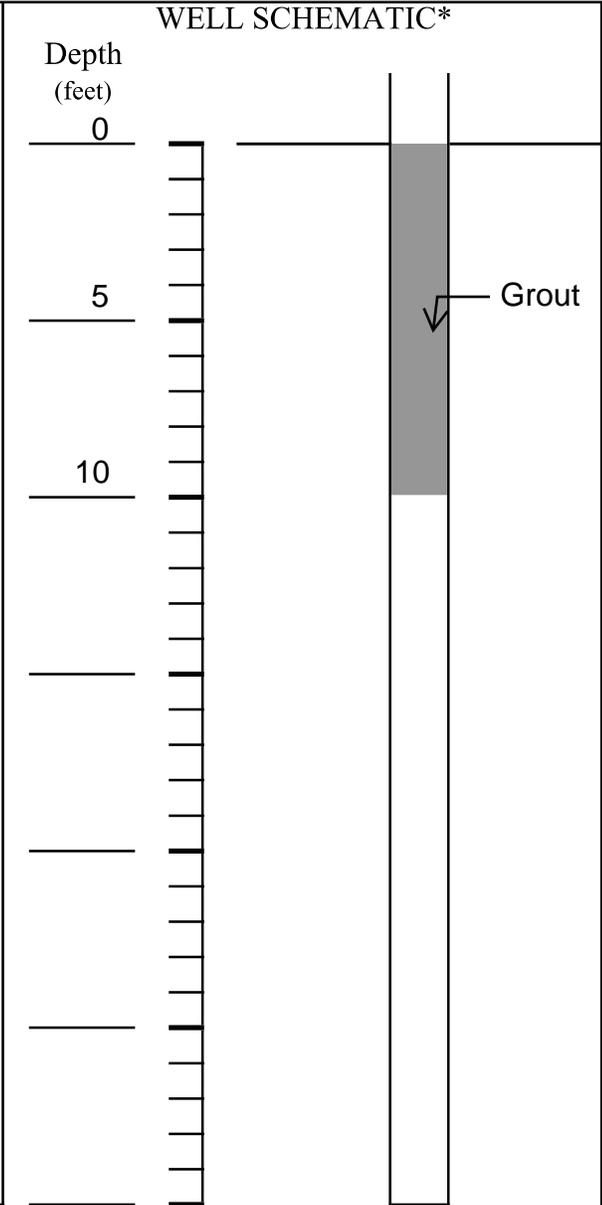
Method employed	<input type="text"/>
Casing retrieved (feet)	<input type="text"/>
Casing type/dia. (in.)	<input type="text"/>

CASING PERFORATING

Equipment used	<input type="text"/>
Number of perforations/foot	<input type="text"/>
Size of perforations	<input type="text"/>
Interval perforated	<input type="text"/>

GROUTING

Interval grouted (FBLs)	<input type="text" value="0-10'"/>
# of batches prepared	<input type="text" value="1"/>
For each batch record:	
Quantity of water used (gal.)	<input type="text" value="3.9"/>
Quantity of cement used (lbs.)	<input type="text" value="47"/>
Cement type	<input type="text" value="Type 1 Portland"/>
Quantity of bentonite used (lbs.)	<input type="text" value="2"/>
Quantity of calcium chloride used (lbs.)	<input type="text"/>
Volume of grout prepared (gal.)	<input type="text" value="4.5"/>
Volume of grout used (gal.)	<input type="text" value="0.5"/>



COMMENTS:

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

Drilling Contractor _____

Department Representative _____



APPENDIX D

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

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Low Flow Sampling Log								
SITE INFORMATION								
Site/Project Number:	CIR2501							
Sampling Point:	MW-10	Sampled By:	AB					
Date Sampled:	3/27/2025	Time Sampled:	8:30					
Depth to Water (feet):	8.62	Total Well Depth (feet):	13					
Well Diameter (inches):	2	Headspace (ppm):	0					
SAMPLING INFORMATION								
Purge Method:	Peristaltic Pump		Sample Method:	Peristaltic Pump-low flow				
Purge Rate (mL/min):	see below		Purge Time (min):	see below				
Sample Appearance:	clear		Odors Observed:	none				
Analysis:	VOCs		Laboratory:	Pace				
Date Shipped:	3/27/2025		Shipping Method:	Courier				
SAMPLING PARAMETERS								
Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	7:55	7.79	5.66	853	96	2.53	5.19
2	250	8:00	8.63	5.71	388	21	2.47	2.4
3	250	8:05	9.30	5.74	130	-5	2.40	1.59
4	250	8:10	9.68	5.76	65.5	-25	2.37	1.40
5	250	8:15	9.95	5.78	37.9	-39	2.35	1.75
6	250	8:20	10.19	5.81	39.7	-52	2.33	1.19
7	250	8:25	10.37	5.83	22.5	-60	2.31	1.07
8	250	8:30	10.59	5.89	19.7	-65	2.28	1.09

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log

SITE INFORMATION

Site/Project Number:	<u>CIR2501</u>		
Sampling Point:	MW-11	Sampled By:	
Date Sampled:		Time Sampled:	
Depth to Water (feet):		Total Well Depth (feet):	
Well Diameter (inches):		Headspace (ppm):	

SAMPLING INFORMATION

Purge Method:	Peristaltic Pump	Sample Method:	Peristaltic Pump-low flow
Purge Rate (mL/min):	see below	Purge Time (min):	see below
Sample Appearance:		Odors Observed:	
Analysis:	VOCs	Laboratory:	N/A
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
				Not Sampled: well blocked				

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log								
SITE INFORMATION								
Site/Project Number:		CIR2501						
Sampling Point:		MW-12	Sampled By:		AB			
Date Sampled:		3/27/2025	Time Sampled:		11:55			
Depth to Water (feet):		8.96	Total Well Depth (feet):		12.19			
Well Diameter (inches):		2	Headspace (ppm):		0			
SAMPLING INFORMATION								
Purge Method:		Peristaltic Pump		Sample Method:		Peristaltic Pump-low flow		
Purge Rate (mL/min):		see below		Purge Time (min):		see below		
Sample Appearance:		Clear		Odors Observed:		none		
Analysis:		VOCs		Laboratory:		Pace		
Date Shipped:		3/27/2025		Shipping Method:		Courier		
SAMPLING PARAMETERS								
Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	11:25	11.3	6.69	190	-29	0.692	4.34
2	200	11:30	11.88	6.47	192	-6	0.560	2.57
3	200	11:35	12.09	6.45	122	3	0.571	3.53
4	200	11:40	12.26	6.43	89.6	6	0.573	10.04
5	200	11:45	12.27	6.41	47.3	8	0.572	9.17
6	200	11:50	12.31	6.39	33.3	12	0.578	8.28
7	200	11:55	12.3	6.38	29.6	13	0.575	7.66

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log								
SITE INFORMATION								
Site/Project Number:		CIR2501						
Sampling Point:		MW-13		Sampled By:		JM		
Date Sampled:		3/27/2025		Time Sampled:		14:25		
Depth to Water (feet):		9.14		Total Well Depth (feet):		13.48		
Well Diameter (inches):		2		Headspace (ppm):		0.1		
SAMPLING INFORMATION								
Purge Method:		Peristaltic Pump		Sample Method:		Peristaltic Pump-low flow		
Purge Rate (mL/min):		see below		Purge Time (min):		see below		
Sample Appearance:		clear		Odors Observed:		none		
Analysis:		VOCs		Laboratory:		Pace		
Date Shipped:		3/27/2025		Shipping Method:		Courier		
SAMPLING PARAMETERS								
Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	13:55	13.38	6.23	116	-102	0.897	2.04
2	200	14:00	13.77	6.25	107	-114	0.896	1.29
3	200	14:05	13.66	6.32	54.9	-114	0.822	1.14
4	200	14:10	13.73	6.33	34.1	-113	0.806	1.06
5	200	14:15	13.71	6.33	31.3	-114	0.806	0.99
6	200	14:20	13.79	6.34	32.2	-115	0.804	0.97

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log								
SITE INFORMATION								
Site/Project Number:		CIR2501						
Sampling Point:		MW-14	Sampled By:		JM			
Date Sampled:		3/27/2025	Time Sampled:		13:30			
Depth to Water (feet):		9.09	Total Well Depth (feet):		12.54			
Well Diameter (inches):		2	Headspace (ppm):		0			
SAMPLING INFORMATION								
Purge Method:		Peristaltic Pump		Sample Method:		Peristaltic Pump-low flow		
Purge Rate (mL/min):		see below		Purge Time (min):		see below		
Sample Appearance:		clear		Odors Observed:		none		
Analysis:		VOCs		Laboratory:		Pace		
Date Shipped:		3/27/2025		Shipping Method:		Courier		
SAMPLING PARAMETERS								
Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	13:00	13.06	6.32	53.9	-62	0.664	11.18
2	200	13:05	13.88	6.29	34.5	-51	0.634	10.69
3	200	13:10	13.91	6.28	29.9	-45	0.631	10.31
4	200	13:15	13.93	6.28	28.9	-43	0.630	9.95
5	200	13:20	13.98	6.27	29.4	-42	0.628	9.61
6	200	13:25	14.05	6.26	29.9	-40	0.625	9.24

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log								
SITE INFORMATION								
Site/Project Number:		CIR2501						
Sampling Point:		MW-15	Sampled By:			AB		
Date Sampled:		3/27/2025	Time Sampled:			15:00		
Depth to Water (feet):		3.8	Total Well Depth (feet):			5.16		
Well Diameter (inches):		1	Headspace (ppm):			0		
SAMPLING INFORMATION								
Purge Method:		Peristaltic Pump		Sample Method:		Peristaltic Pump-low flow		
Purge Rate (mL/min):		see below		Purge Time (min):		see below		
Sample Appearance:		Clear		Odors Observed:		none		
Analysis:		VOCs		Laboratory:		Pace		
Date Shipped:		3/27/2025		Shipping Method:		Courier		
SAMPLING PARAMETERS								
Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	14:35	13.94	6.54	111	-110	0.684	1.66
2	200	14:40	14.18	6.5	63.5	-111	0.664	0.88
3	200	14:45	14.26	6.48	47.8	-120	0.664	0.82
4	200	14:50	14.28	6.47	41.5	-123	0.665	0.83
5	200	14:55	14.28	4.47	32.5	-126	0.666	0.83
6	200	15:00	14.31	6.46	37	-130	0.667	0.84

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log								
SITE INFORMATION								
Site/Project Number:		CIR2501						
Sampling Point:		MW-16			Sampled By:			
Date Sampled:					Time Sampled:			
Depth to Water (feet):					Total Well Depth (feet):			
Well Diameter (inches):					Headspace (ppm):			
SAMPLING INFORMATION								
Purge Method:		Peristaltic Pump			Sample Method:		Peristaltic Pump-low flow	
Purge Rate (mL/min):		see below			Purge Time (min):		see below	
Sample Appearance:					Odors Observed:			
Analysis:		VOCs			Laboratory:			
Date Shipped:					Shipping Method:			
SAMPLING PARAMETERS								
Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
			Well Dry: No Sample Collected					

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log

SITE INFORMATION

Site/Project Number:	CIR2501		
Sampling Point:	MW-17	Sampled By:	AB
Date Sampled:	3/27/2025	Time Sampled:	11:10
Depth to Water (feet):	9.68	Total Well Depth (feet):	11.62
Well Diameter (inches):	4	Headspace (ppm):	0

SAMPLING INFORMATION

Purge Method:	Peristaltic Pump	Sample Method:	Peristaltic Pump-low flow
Purge Rate (mL/min):	see below	Purge Time (min):	see below
Sample Appearance:	slightly cloudy	Odors Observed:	minor oily odor
Analysis:	VOCs	Laboratory:	Pace
Date Shipped:	3/27/2025	Shipping Method:	Courier

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	10:50	11.77	6.91	1000	-134	3.0	2.15
2	200	10:55	12.07	6.89	1000	-135	1.89	1.90
3	200	11:00	12.24	6.87	305	-124	1.21	2.12
4	200	11:05	12.23	6.87	377	-116	1.17	2.18
5	200	11:10	12.30	6.87	279	-114	1.19	2.23

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log

SITE INFORMATION

Site/Project Number:	CIR2501		
Sampling Point:	ML Well 1 (15-20')	Sampled By:	AB
Date Sampled:	3/27/2025	Time Sampled:	9:45
Depth to Water (feet):	8.3	Total Well Depth (feet):	19.86
Well Diameter (inches):	1	Headspace (ppm):	0.6

SAMPLING INFORMATION

Purge Method:	Peristaltic Pump	Sample Method:	Peristaltic Pump-low flow
Purge Rate (mL/min):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	none
Analysis:	VOCs	Laboratory:	Pace
Date Shipped:	3/27/2025	Shipping Method:	Courier

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	9:15	11.50	5.69	960	-47	0.9	11.79
2	200	9:20	12.19	5.72	579	-48	0.783	11.97
3	200	9:25	11.95	5.74	490	-52	0.785	11.28
4	200	9:30	12.17	5.75	312	-54	0.786	10.43
5	200	9:35	12.24	5.77	110	-58	0.789	10.53
6	200	9:40	12.35	5.77	110	-62	0.805	10.30
7	200	9:45	12.42	5.77	92.7	-65	0.814	10.13

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%

Low Flow Sampling Log

SITE INFORMATION

Site/Project Number:	CIR2501		
Sampling Point:	ML Well 1 (35-40')	Sampled By:	AB
Date Sampled:	3/27/2025	Time Sampled:	10:25
Depth to Water (feet):	8.27	Total Well Depth (feet):	23
Well Diameter (inches):	1	Headspace (ppm):	0.9

SAMPLING INFORMATION

Purge Method:	Peristaltic Pump	Sample Method:	Peristaltic Pump-low flow
Purge Rate (mL/min):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	minor oily odor
Analysis:	VOCs	Laboratory:	Pace
Date Shipped:	3/27/2025	Shipping Method:	Courier

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	10:00	11.61	5.87	66.6	-62	4.18	11.25
2	200	10:05	12.05	6.26	46.9	-106	35.8	10.3
3	200	10:10	12.88	6.32	57.4	-106	35.8	9.69
4	200	10:15	13.14	6.35	63.3	-108	36.0	9.11
5	200	10:20	13.25	6.38	68.7	-111	36.3	8.68
6	200	10:25	13.3	6.40	68.8	-113	36.4	8.45

(Take readings every 5 minutes)

Notes:

Flow Rate - between 200 - 250 mL/min

pH: ±0.1

Conductivity: ±3%

ORP: ±10 mV

DO: ±10%

Turbidity: ±10%

Temperature: ±3%



APPENDIX E

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

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ANALYTICAL REPORT

Lab Number:	L2518413
Client:	P. W. Grosser 630 Johnson Avenue Bohemia, NY 11716
ATTN:	Michael Pecoraro
Phone:	(631) 589-6353
Project Name:	CIR2501
Project Number:	CIR2501
Report Date:	04/09/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CIR2501**Project Number:** CIR2501**Lab Number:** L2518413**Report Date:** 04/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2518413-01	MW10	WATER	3190 CONEY ISLAND	03/27/25 08:30	03/27/25
L2518413-02	MW17	WATER	3190 CONEY ISLAND	03/27/25 11:10	03/27/25
L2518413-03	MW15	WATER	3190 CONEY ISLAND	03/27/25 15:00	03/27/25
L2518413-04	ML1 (15-20)	WATER	3190 CONEY ISLAND	03/27/25 09:45	03/27/25
L2518413-05	ML1 (35-40)	WATER	3190 CONEY ISLAND	03/27/25 10:25	03/27/25
L2518413-06	MW14	WATER	3190 CONEY ISLAND	03/27/25 13:30	03/27/25
L2518413-07	MW13	WATER	3190 CONEY ISLAND	03/27/25 14:25	03/27/25
L2518413-08	MW12	WATER	3190 CONEY ISLAND	03/27/25 11:55	03/27/25
L2518413-09	DUP001	WATER	3190 CONEY ISLAND	03/27/25 00:00	03/27/25
L2518413-10	TRIP BLANK	WATER	3190 CONEY ISLAND	03/27/25 00:00	03/27/25

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2518413-04D, -06D, -07D, and -09D: The sample has elevated detection limits due to the dilution required by the sample matrix (foam).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 04/09/25

ORGANICS

VOLATILES

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-01
 Client ID: MW10
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 08:30
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/07/25 22:12
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.19	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-01
 Client ID: MW10
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 08:30
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-01
 Client ID: MW10
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 08:30
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	99		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-02
 Client ID: MW17
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 11:10
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/07/25 22:36
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-02
 Client ID: MW17
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 11:10
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-02
 Client ID: MW17
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 11:10
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	97		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-03
 Client ID: MW15
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 15:00
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/07/25 23:00
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.25	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-03
 Client ID: MW15
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 15:00
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-03
Client ID: MW15
Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 15:00
Date Received: 03/27/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.5	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: CIR2501**Lab Number:** L2518413**Project Number:** CIR2501**Report Date:** 04/09/25**SAMPLE RESULTS**

Lab ID: L2518413-04 D
 Client ID: ML1 (15-20)
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 09:45
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/08/25 00:36
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	15		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-04 D

Date Collected: 03/27/25 09:45

Client ID: ML1 (15-20)

Date Received: 03/27/25

Sample Location: 3190 CONEY ISLAND

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.4	J	ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	27		ug/l	12	3.5	5
1,2-Dichloroethene, Total	27		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	ND		ug/l	12	3.5	5



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-04 D

Date Collected: 03/27/25 09:45

Client ID: ML1 (15-20)

Date Received: 03/27/25

Sample Location: 3190 CONEY ISLAND

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	ND		ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-05
 Client ID: ML1 (35-40)
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 10:25
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/09/25 02:17
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-05
 Client ID: ML1 (35-40)
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 10:25
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.33	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-05
 Client ID: ML1 (35-40)
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 10:25
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-06 D
 Client ID: MW14
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 13:30
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/08/25 01:00
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	22		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,1,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	40		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-06 D

Date Collected: 03/27/25 13:30

Client ID: MW14

Date Received: 03/27/25

Sample Location: 3190 CONEY ISLAND

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	8.9		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	0.66	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	120		ug/l	10	2.8	4
1,2-Dichloroethene, Total	120		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-06 D

Date Collected: 03/27/25 13:30

Client ID: MW14

Date Received: 03/27/25

Sample Location: 3190 CONEY ISLAND

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	ND		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	100		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-07 D
 Client ID: MW13
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 14:25
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/08/25 01:24
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	3.7	J	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-07 D

Date Collected: 03/27/25 14:25

Client ID: MW13

Date Received: 03/27/25

Sample Location: 3190 CONEY ISLAND

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
1,2-Dichloroethene, Total	ND		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-07 D

Date Collected: 03/27/25 14:25

Client ID: MW13

Date Received: 03/27/25

Sample Location: 3190 CONEY ISLAND

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	97		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-08
 Client ID: MW12
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 11:55
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/07/25 23:48
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	3.8		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-08
 Client ID: MW12
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 11:55
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.98		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.0	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-08
 Client ID: MW12
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 11:55
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	97		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-09 D
 Client ID: DUP001
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 00:00
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/08/25 01:48
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	14		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-09 D

Date Collected: 03/27/25 00:00

Client ID: DUP001

Date Received: 03/27/25

Sample Location: 3190 CONEY ISLAND

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	25		ug/l	25	7.0	10
1,2-Dichloroethene, Total	25		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10



Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-09 D
 Client ID: DUP001
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 00:00
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	97		70-130

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-10
 Client ID: TRIP BLANK
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 00:00
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 04/08/25 00:12
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-10
 Client ID: TRIP BLANK
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 00:00
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

SAMPLE RESULTS

Lab ID: L2518413-10
 Client ID: TRIP BLANK
 Sample Location: 3190 CONEY ISLAND

Date Collected: 03/27/25 00:00
 Date Received: 03/27/25
 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	95		70-130

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/07/25 20:05
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-10 Batch: WG2051148-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/07/25 20:05
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-10 Batch: WG2051148-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/07/25 20:05
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-10 Batch: WG2051148-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	98		70-130

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/08/25 21:35
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2051511-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/08/25 21:35
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2051511-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2518413
Report Date: 04/09/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/08/25 21:35
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2051511-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 Batch: WG2051148-3 WG2051148-4								
Methylene chloride	96		99		70-130	3		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	94		93		63-132	1		20
1,2-Dichloropropane	99		100		70-130	1		20
Dibromochloromethane	82		86		63-130	5		20
1,1,2-Trichloroethane	94		96		70-130	2		20
Tetrachloroethene	91		90		70-130	1		20
Chlorobenzene	94		96		75-130	2		20
Trichlorofluoromethane	97		97		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	97		97		67-130	0		20
Bromodichloromethane	93		96		67-130	3		20
trans-1,3-Dichloropropene	95		98		70-130	3		20
cis-1,3-Dichloropropene	96		99		70-130	3		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	72		77		54-136	7		20
1,1,2,2-Tetrachloroethane	95		100		67-130	5		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	89		89		64-130	0		20
Bromomethane	58		65		39-139	11		20

Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 Batch: WG2051148-3 WG2051148-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	85		84		55-138	1		20
1,1-Dichloroethene	95		95		61-145	0		20
trans-1,2-Dichloroethene	95		93		70-130	2		20
Trichloroethene	98		95		70-130	3		20
1,2-Dichlorobenzene	92		95		70-130	3		20
1,3-Dichlorobenzene	95		97		70-130	2		20
1,4-Dichlorobenzene	93		95		70-130	2		20
Methyl tert butyl ether	90		97		63-130	7		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	95		96		70-130	1		20
Dibromomethane	92		96		70-130	4		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	94		98		70-130	4		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	92		88		36-147	4		20
Acetone	71		98		58-148	32	Q	20
Carbon disulfide	94		93		51-130	1		20
2-Butanone	97		100		63-138	3		20
Vinyl acetate	97		100		70-130	3		20
4-Methyl-2-pentanone	88		100		59-130	13		20
2-Hexanone	81		94		57-130	15		20

Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 Batch: WG2051148-3 WG2051148-4								
Bromochloromethane	83		86		70-130	4		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	92		96		70-130	4		20
1,3-Dichloropropane	99		100		70-130	1		20
1,1,1,2-Tetrachloroethane	85		88		64-130	3		20
Bromobenzene	93		93		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	99		99		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	71		82		41-144	14		20
Hexachlorobutadiene	94		94		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	86		95		70-130	10		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	84		92		70-130	9		20
1,2,4-Trichlorobenzene	89		92		70-130	3		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	92		104		56-162	12		20
p-Diethylbenzene	99		100		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 Batch: WG2051148-3 WG2051148-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	96		97		70-130	1		20
Ethyl ether	93		92		59-134	1		20
trans-1,4-Dichloro-2-butene	81		98		70-130	19		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		113		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	112		109		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2051511-3 WG2051511-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	87		91		63-130	4		20
1,1,2-Trichloroethane	98		100		70-130	2		20
Tetrachloroethene	98		99		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		120		70-130	9		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	96		99		70-130	3		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	78		84		54-136	7		20
1,1,2,2-Tetrachloroethane	98		110		67-130	12		20
Benzene	110		110		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	95		96		64-130	1		20
Bromomethane	96		96		39-139	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2051511-3 WG2051511-4								
Vinyl chloride	110		120		55-140	9		20
Chloroethane	92		91		55-138	1		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	93		97		63-130	4		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Dibromomethane	96		100		70-130	4		20
1,2,3-Trichloropropane	94		100		64-130	6		20
Acrylonitrile	96		100		70-130	4		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	77		88		58-148	13		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	92		95		63-138	3		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	88		100		59-130	13		20
2-Hexanone	83		90		57-130	8		20

Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2051511-3 WG2051511-4								
Bromochloromethane	94		95		70-130	1		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	95		100		70-130	5		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	92		93		64-130	1		20
Bromobenzene	98		100		70-130	2		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	74		84		41-144	13		20
Hexachlorobutadiene	97		100		63-130	3		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	84		96		70-130	13		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	87		98		70-130	12		20
1,2,4-Trichlorobenzene	92		99		70-130	7		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	94		110		56-162	16		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2051511-3 WG2051511-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	96		100		70-130	4		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	91		100		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		114		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	108		109		70-130
Dibromofluoromethane	98		98		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 QC Batch ID: WG2051148-6 WG2051148-7 QC Sample: L2518413-01 Client ID: MW10												
Methylene chloride	ND	10	11	110		10	100		70-130	10		20
1,1-Dichloroethane	ND	10	12	120		11	110		70-130	9		20
Chloroform	ND	10	11	110		11	110		70-130	0		20
Carbon tetrachloride	ND	10	10	100		10	100		63-132	0		20
1,2-Dichloropropane	ND	10	11	110		11	110		70-130	0		20
Dibromochloromethane	ND	10	9.2	92		9.1	91		63-130	1		20
1,1,2-Trichloroethane	ND	10	11	110		10	100		70-130	10		20
Tetrachloroethene	ND	10	10	100		9.7	97		70-130	3		20
Chlorobenzene	ND	10	10	100		10	100		75-130	0		20
Trichlorofluoromethane	ND	10	11	110		11	110		62-150	0		20
1,2-Dichloroethane	ND	10	12	120		11	110		70-130	9		20
1,1,1-Trichloroethane	ND	10	11	110		11	110		67-130	0		20
Bromodichloromethane	ND	10	10	100		10	100		67-130	0		20
trans-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
cis-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
1,1-Dichloropropene	ND	10	12	120		11	110		70-130	9		20
Bromoform	ND	10	8.7	87		8.6	86		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	12	120		11	110		67-130	9		20
Benzene	ND	10	11	110		11	110		70-130	0		20
Toluene	ND	10	11	110		11	110		70-130	0		20
Ethylbenzene	ND	10	11	110		10	100		70-130	10		20
Chloromethane	ND	10	10	100		10	100		64-130	0		20
Bromomethane	ND	10	5.9	59		6.6	66		39-139	11		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 QC Batch ID: WG2051148-6 WG2051148-7 QC Sample: L2518413-01 Client ID: MW10												
Vinyl chloride	0.19J	10	13	130		13	130		55-140	0		20
Chloroethane	ND	10	9.4	94		9.0	90		55-138	4		20
1,1-Dichloroethene	ND	10	11	110		10	100		61-145	10		20
trans-1,2-Dichloroethene	ND	10	11	110		10	100		70-130	10		20
Trichloroethene	ND	10	11	110		10	100		70-130	10		20
1,2-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,3-Dichlorobenzene	ND	10	10	100		9.8	98		70-130	2		20
1,4-Dichlorobenzene	ND	10	10	100		9.8	98		70-130	2		20
Methyl tert butyl ether	ND	10	11	110		10	100		63-130	10		20
p/m-Xylene	ND	20	21	105		20	100		70-130	5		20
o-Xylene	ND	20	20	100		20	100		70-130	0		20
cis-1,2-Dichloroethene	ND	10	10	100		11	110		70-130	10		20
Dibromomethane	ND	10	10	100		10	100		70-130	0		20
1,2,3-Trichloropropane	ND	10	11	110		11	110		64-130	0		20
Acrylonitrile	ND	10	11	110		11	110		70-130	0		20
Styrene	ND	20	20	100		19	95		70-130	5		20
Dichlorodifluoromethane	ND	10	10	100		9.7	97		36-147	3		20
Acetone	ND	10	12	120		9.7	97		58-148	21	Q	20
Carbon disulfide	ND	10	10	100		10	100		51-130	0		20
2-Butanone	ND	10	10	100		11	110		63-138	10		20
Vinyl acetate	ND	10	10	100		10	100		70-130	0		20
4-Methyl-2-pentanone	ND	10	11	110		11	110		59-130	0		20
2-Hexanone	ND	10	11	110		10	100		57-130	10		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 QC Batch ID: WG2051148-6 WG2051148-7 QC Sample: L2518413-01 Client ID: MW10												
Bromochloromethane	ND	10	9.4	94		8.9	89		70-130	5		20
2,2-Dichloropropane	ND	10	9.7	97		9.3	93		63-133	4		20
1,2-Dibromoethane	ND	10	11	110		10	100		70-130	10		20
1,3-Dichloropropane	ND	10	11	110		11	110		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	10	9.6	96		9.5	95		64-130	1		20
Bromobenzene	ND	10	10	100		9.9	99		70-130	1		20
n-Butylbenzene	ND	10	11	110		11	110		53-136	0		20
sec-Butylbenzene	ND	10	11	110		10	100		70-130	10		20
tert-Butylbenzene	ND	10	11	110		10	100		70-130	10		20
o-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20
p-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	9.1	91		9.1	91		41-144	0		20
Hexachlorobutadiene	ND	10	10	100		9.9	99		63-130	1		20
Isopropylbenzene	ND	10	11	110		10	100		70-130	10		20
p-Isopropyltoluene	ND	10	11	110		10	100		70-130	10		20
Naphthalene	ND	10	11	110		10	100		70-130	10		20
n-Propylbenzene	ND	10	11	110		11	110		69-130	0		20
1,2,3-Trichlorobenzene	ND	10	10	100		9.6	96		70-130	4		20
1,2,4-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,3,5-Trimethylbenzene	ND	10	11	110		10	100		64-130	10		20
1,2,4-Trimethylbenzene	ND	10	11	110		10	100		70-130	10		20
1,4-Dioxane	ND	500	580	116		550	110		56-162	5		20
p-Diethylbenzene	ND	10	11	110		10	100		70-130	10		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CIR2501

Lab Number: L2518413

Project Number: CIR2501

Report Date: 04/09/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-10 QC Batch ID: WG2051148-6 WG2051148-7 QC Sample: L2518413-01 Client ID: MW10												
p-Ethyltoluene	ND	10	11	110		10	100		70-130	10		20
1,2,4,5-Tetramethylbenzene	ND	10	11	110		10	100		70-130	10		20
Ethyl ether	ND	10	11	110		11	110		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	9.9	99		9.7	97		70-130	2		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	113		112		70-130
4-Bromofluorobenzene	113		110		70-130
Dibromofluoromethane	95		97		70-130
Toluene-d8	102		102		70-130

Project Name: CIR2501**Lab Number:** L2518413**Project Number:** CIR2501**Report Date:** 04/09/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2518413-01A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01A1	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01A2	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01B1	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01B2	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01C1	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-01C2	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-02A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-02B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-02C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-03A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-03B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-03C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-04A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-04B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-04C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-05A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-05B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-05C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-06A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-06B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2518413-06C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-07A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-07B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-07C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-08A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-08B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-08C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-09A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-09B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-09C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-10A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2518413-10B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)



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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: CIR2501**Lab Number:** L2518413**Project Number:** CIR2501**Report Date:** 04/09/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>1</u> of <u>1</u>	Date Rec'd in Lab <u>3/28/25</u>	ALPHA Job # <u>625 10413</u>					
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288							
Project Information		Deliverables		Billing Information					
Project Name: <u>CR2501</u>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQuIS (1 File) <input type="checkbox"/> EQuIS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #					
Project Location: <u>3190 Corey Island,</u>		Regulatory Requirement		Disposal Site Information					
Project #		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:					
Client Information		Turn-Around Time		ANALYSIS					
Client: <u>WFC</u>		Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:							
Address: <u>600 Johnson Ave</u>		Project Manager: <u>Michael Picoraro</u>		Sample Filtration					
Suite: <u>7 Putnam, NY</u>		ALPHAQuote #:							
Phone: <u>631 669 2221</u>		Please specify Metals or TAL.		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)					
Fax:		These samples have been previously analyzed by Alpha <input type="checkbox"/>							
Email: <u>mpicoraro@pugate.com</u>		Other project specific requirements/comments:		Sample Specific Comments					
				Total Bottles					
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials				
<u>10413-1</u>	<u>Mw10 / ML / MOD</u>	<u>3/29/25</u>	<u>0830</u>	<u>Gw</u>	<u>AB</u>	<u>X</u>			
<u>2</u>	<u>Mw17</u>		<u>1110</u>			<u>X</u>			
<u>3</u>	<u>Mw15</u>		<u>1500</u>			<u>X</u>			
<u>4</u>	<u>Mw ML1 (15-20)</u>		<u>0945</u>			<u>X</u>			
<u>5</u>	<u>ML1 (35-90)</u>		<u>1025</u>			<u>X</u>			
<u>6</u>	<u>Mw14</u>		<u>1330</u>			<u>X</u>			
<u>7</u>	<u>Mw13</u>		<u>1425</u>			<u>X</u>			
<u>8</u>	<u>Mw12</u>		<u>1155</u>			<u>X</u>			
<u>9</u>	<u>Dupcat</u>		<u>---</u>			<u>X</u>			
<u>10</u>	<u>Trip blank</u>		<u>---</u>			<u>X</u>			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: <u>Andres Pulkares</u> <u>WIFI Pace</u> <u>Anthony Green</u>		Date/Time <u>3/29/25 1710</u> <u>3/27/25 2040</u> <u>3/28/25 0450</u>		Received By: <u>WIFI Pace</u> <u>Anthony Green</u> <u>WIFI Pace</u>		Date/Time <u>3/27/25 1710</u> <u>MAR 27 2025 2135</u> <u>3/28/25 0450</u>			



ANALYTICAL REPORT

Lab Number:	L2522590
Client:	P. W. Grosser 630 Johnson Avenue Bohemia, NY 11716
ATTN:	Michael Pecoraro
Phone:	(631) 589-6353
Project Name:	CIR2501
Project Number:	CIR2501
Report Date:	04/28/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NH ELAP (2249).

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



Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2522590-01	SV001	SOIL_VAPOR	3190 CONEY ISLAND AVE	04/07/25 10:10	04/07/25

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 7, 2025. The canister certification data is provided as an addendum.

The WG2059061-3 LCS recovery associated with L2522590-01 is above the upper 130% acceptance limit for styrene (132%), 4-ethyltoluene (133%). All samples associated with this LCS that have reportable amounts of these analytes will have them reported with high bias.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 04/28/25

AIR

Project Name: CIR2501**Lab Number:** L2522590**Project Number:** CIR2501**Report Date:** 04/28/25**SAMPLE RESULTS**

Lab ID: L2522590-01
 Client ID: SV001
 Sample Location: 3190 CONEY ISLAND AVE

Date Collected: 04/07/25 10:10
 Date Received: 04/07/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 04/26/25 18:57
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.449	0.200	--	2.22	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.27	1.00	--	5.39	2.38	--		1
Trichlorofluoromethane	0.203	0.200	--	1.14	1.12	--		1
Isopropanol	8.23	1.00	--	20.2	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	1.58	0.200	--	6.26	0.793	--		1



Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

SAMPLE RESULTS

Lab ID: L2522590-01
 Client ID: SV001
 Sample Location: 3190 CONEY ISLAND AVE

Date Collected: 04/07/25 10:10
 Date Received: 04/07/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.279	0.200	--	1.36	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.01	0.200	--	3.56	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.09	0.200	--	5.86	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	21.2	0.200	--	144	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

SAMPLE RESULTS

Lab ID: L2522590-01
 Client ID: SV001
 Sample Location: 3190 CONEY ISLAND AVE

Date Collected: 04/07/25 10:10
 Date Received: 04/07/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	113		60-140



Project Name: CIR2501

Lab Number: L2522590

Project Number: CIR2501

Report Date: 04/28/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/26/25 15:38

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01 Batch: WG2059061-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: CIR2501

Lab Number: L2522590

Project Number: CIR2501

Report Date: 04/28/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/26/25 15:38

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01 Batch: WG2059061-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: CIR2501

Lab Number: L2522590

Project Number: CIR2501

Report Date: 04/28/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/26/25 15:38

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01 Batch: WG2059061-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2522590

Project Number: CIR2501

Report Date: 04/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01 Batch: WG2059061-3								
Dichlorodifluoromethane	90		-		70-130	-		
Chloromethane	92		-		70-130	-		
Freon-114	102		-		70-130	-		
Vinyl chloride	89		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	107		-		70-130	-		
Chloroethane	108		-		70-130	-		
Ethanol	94		-		40-160	-		
Vinyl bromide	108		-		70-130	-		
Acetone	100		-		40-160	-		
Trichlorofluoromethane	88		-		70-130	-		
Isopropanol	106		-		40-160	-		
1,1-Dichloroethene	99		-		70-130	-		
Tertiary butyl Alcohol	91		-		70-130	-		
Methylene chloride	103		-		70-130	-		
3-Chloropropene	112		-		70-130	-		
Carbon disulfide	110		-		70-130	-		
Freon-113	104		-		70-130	-		
trans-1,2-Dichloroethene	102		-		70-130	-		
1,1-Dichloroethane	101		-		70-130	-		
Methyl tert butyl ether	104		-		70-130	-		
2-Butanone	111		-		70-130	-		
cis-1,2-Dichloroethene	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CIR2501

Lab Number: L2522590

Project Number: CIR2501

Report Date: 04/28/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01 Batch: WG2059061-3								
Ethyl Acetate	110		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	120		-		70-130	-		
1,2-Dichloroethane	83		-		70-130	-		
n-Hexane	92		-		70-130	-		
1,1,1-Trichloroethane	87		-		70-130	-		
Benzene	103		-		70-130	-		
Carbon tetrachloride	91		-		70-130	-		
Cyclohexane	100		-		70-130	-		
1,2-Dichloropropane	106		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	104		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	103		-		70-130	-		
Heptane	113		-		70-130	-		
cis-1,3-Dichloropropene	112		-		70-130	-		
4-Methyl-2-pentanone	110		-		70-130	-		
trans-1,3-Dichloropropene	116		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	116		-		70-130	-		
2-Hexanone	124		-		70-130	-		
Dibromochloromethane	120		-		70-130	-		
1,2-Dibromoethane	127		-		70-130	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: CIR2501

Lab Number: L2522590

Project Number: CIR2501

Report Date: 04/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01 Batch: WG2059061-3								
Tetrachloroethene	113		-		70-130	-		
Chlorobenzene	127		-		70-130	-		
Ethylbenzene	120		-		70-130	-		
p/m-Xylene	122		-		70-130	-		
Bromoform	130		-		70-130	-		
Styrene	132	Q	-		70-130	-		
1,1,2,2-Tetrachloroethane	126		-		70-130	-		
o-Xylene	123		-		70-130	-		
4-Ethyltoluene	133	Q	-		70-130	-		
1,3,5-Trimethylbenzene	134	Q	-		70-130	-		
1,2,4-Trimethylbenzene	129		-		70-130	-		
Benzyl chloride	116		-		70-130	-		
1,3-Dichlorobenzene	130		-		70-130	-		
1,4-Dichlorobenzene	129		-		70-130	-		
1,2-Dichlorobenzene	125		-		70-130	-		
1,2,4-Trichlorobenzene	118		-		70-130	-		
Naphthalene	115		-		70-130	-		
Hexachlorobutadiene	116		-		70-130	-		

Project Name: CIR2501

Project Number: CIR2501

Lab Number: L2522590
Serial_No:04282514:10

Report Date: 04/28/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2522590-01	SV001	4915	6.0L Can	04/07/25	514254	L2519525-02	Pass	-29.4	-4.2	-	-	-	-

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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/02/25 08:17
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/03/25 09:28
 Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Acetone	6.68	1.00	--	15.9	2.38	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/02/25 08:17
 Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140



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

Lab Number: L2519525
Report Date: 04/28/25

Air Canister Certification Results

Lab ID: L2519525-02
 Client ID: CAN 5493 SHELF 83
 Sample Location:

Date Collected: 04/01/25 15:00
 Date Received: 04/01/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/25 09:28
 Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Acetone	6.07	1.00	--	14.4	2.38	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140



Project Name: CIR2501**Lab Number:** L2522590**Project Number:** CIR2501**Report Date:** 04/28/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Absent

Container Information**Container ID** **Container Type**

L2522590-01A Canister - 6L (Batch Certified)

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
NA	NA			Y	Absent		TO15-LL(30)

Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: CIR2501
Project Number: CIR2501

Lab Number: L2522590
Report Date: 04/28/25

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: CIR2501**Lab Number:** L2522590**Project Number:** CIR2501**Report Date:** 04/28/25

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.



APPENDIX F

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE



Monthly System Performance Log

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157

Inspector's Name: _____

Inspection Time: _____

Inspection Date: _____

Weather Conditions: _____

YES NO

Were any system alarms on upon arrival?

Was the system operating upon arrival?

Was the SVE Blower Intake Filter clear upon arrival?

Was the SVE Blower Intake Filter replaced during this visit?

Was the SVE Blower Dilution Filter clear upon arrival?

Was the SVE Blower Dilution Filter replaced during this visit?

Is the moisture separator high level alarm float free of dirt and debris? Drain liquids within the moisture separator.

Are any switches in Hand Mode? Operating in hand mode is for testing purposes only.

Are the groundwater and vacuum monitoring wells and ISCO wells (if applicable) properly secured?

System Parameters

Gauge	Reading	Units
VI-701		" W.C.
FI-701		CFM
VI-MS		" W.C.
VI-703		" W.C.
TI-701		°F
PI-701		" W.C.
PI-702		" W.C.
Hours		Hours

Groundwater Monitoring

Well	DTP (ft)	DTW (ft)	DTB (ft)
MW-10			
MW-11			
MW-12			
MW-13			
MW-14			
MW-15			
MW-16			
ML-Well1 (15-20')			
MW-17			
ML-Well1 (35-40')	NA	8.27	44.25

DT – Depth to: P-Product, W-Water, B-Bottom

Monthly System Performance Log

Former Brighton Cleaners
3140 Coney Island Ave, Brooklyn, NY
NYSDEC BCP #C224157

Vacuum Monitoring Points

Well	VM-01	VM-02	VM-03	VM-04	VM-05	VM-06	VM-07	VM-08	VM-09	VM-10	VM-11	VM-12
Vacuum (" WC)												

Vapor Sample Information

Location	PID (ppm)	Start Time	Start Vacuum	End Time	End Vacuum	Sample ID	Notes
Pre-Moisture Separator						Influent	
Post-Treatment						Effluent	

Which SVE Legs are operating (valves are open to create vacuum when SVE / SSDS is operating)? See diagram on following page.

Comments: _____

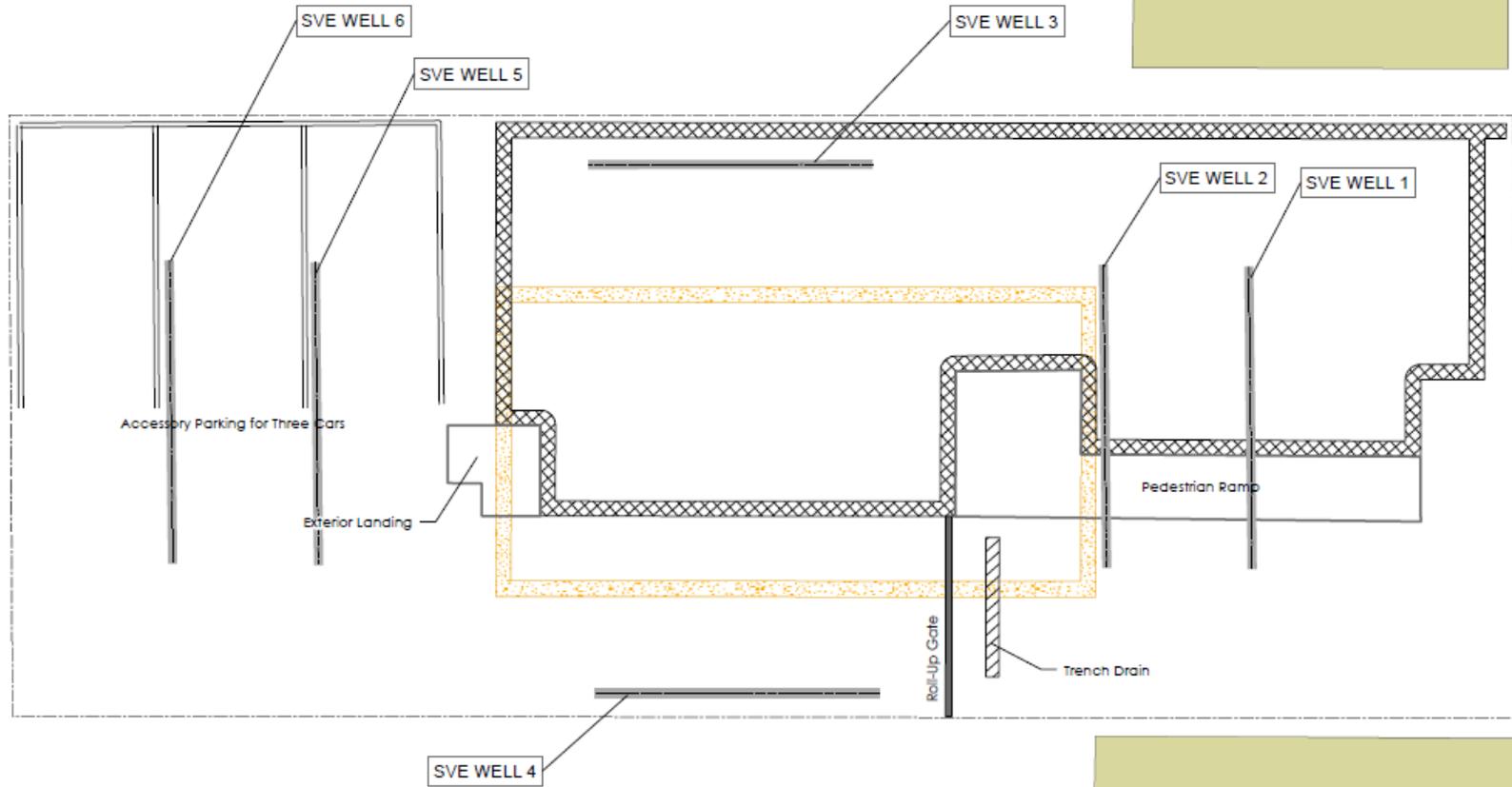
Items to be Addressed / Fixed: _____

Monthly System Performance Log

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157



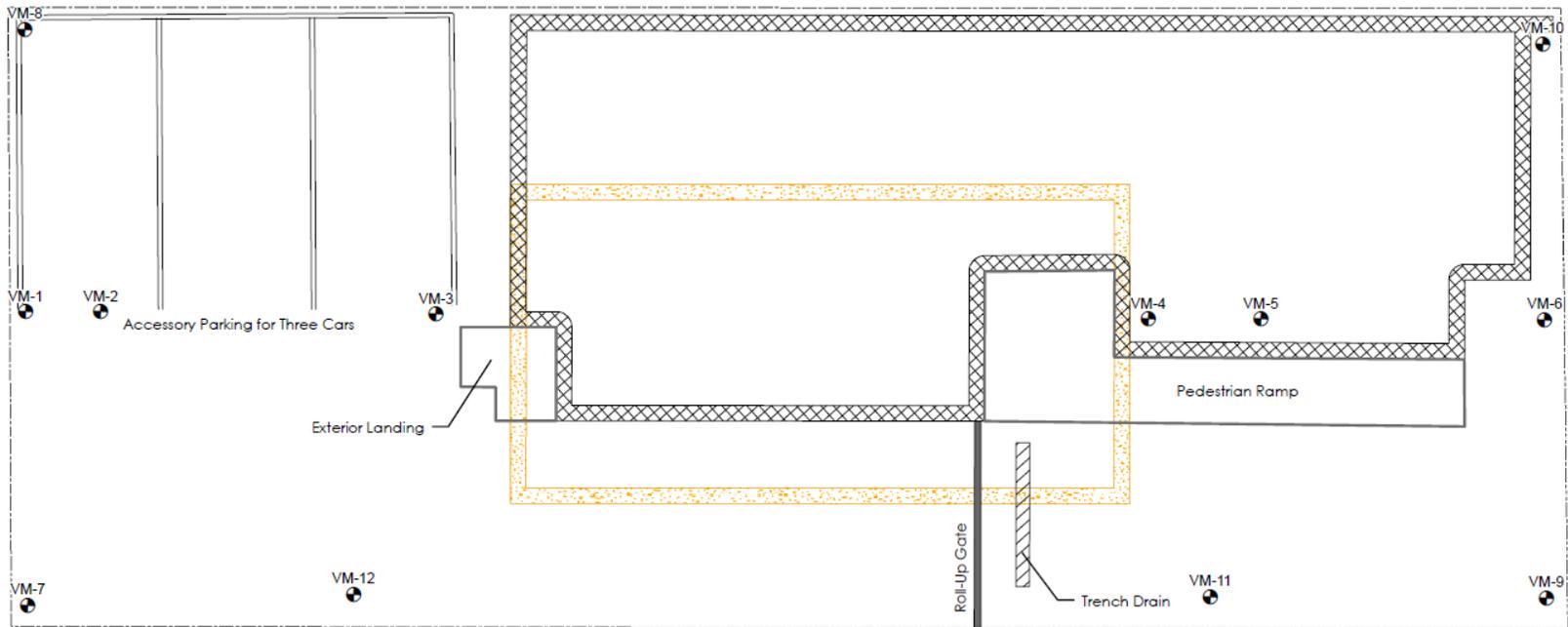
— SVE Lateral Well

Monthly System Performance Log

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157



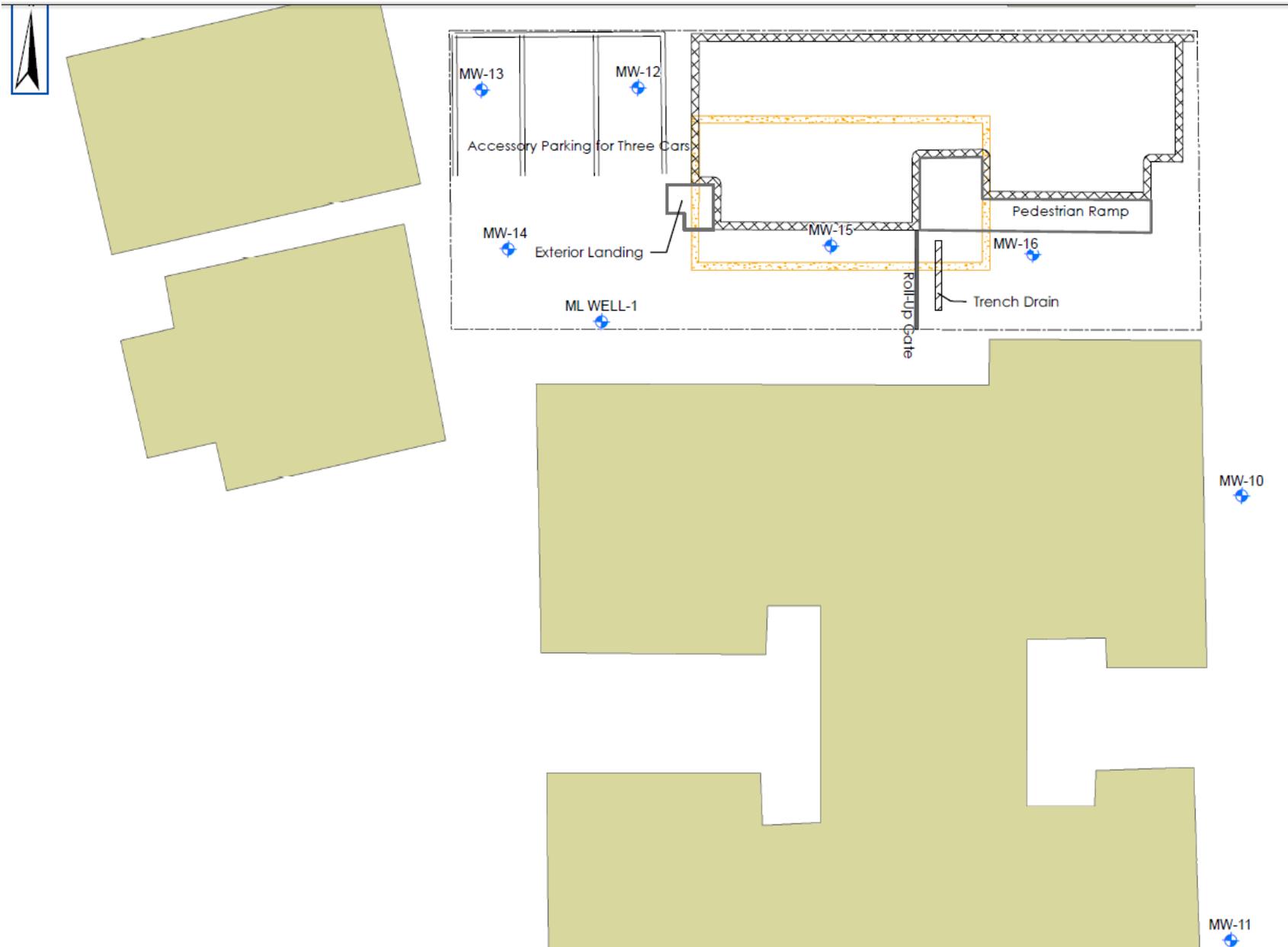
☒ Vacuum Monitoring Point

Monthly System Performance Log

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157





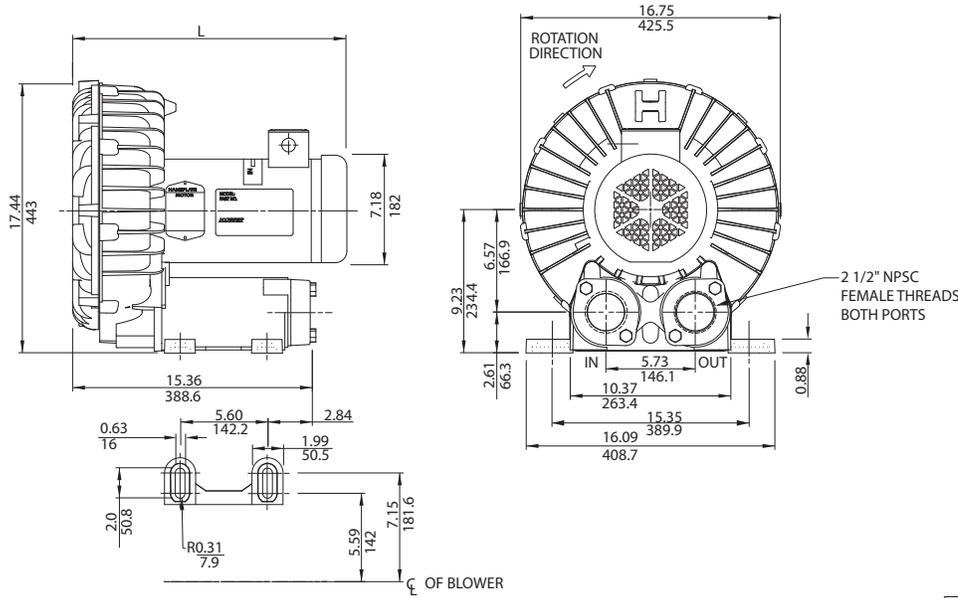
APPENDIX G

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

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BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE



3.0 / 5.0 HP Sealed Regenerative w/Explosion-Proof Motor



- NOTES
- 1) TERMINAL BOX CONNECTOR HOLE .75 NPT.
 - 2) DRAWING NOT TO SCALE, CONTACT FACTORY FOR SCALE CAD DRAWING.
 - 3) CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

MODEL	L (IN/MM)
EN757M72XL	19.72/500.9
EN757F72XL	21.00/533.4

Specification	Units	Part/ Model Number				
		EN757M72XL 081176	EN757M86XL 081177	EN757F72XL 081174	CP757FW72XLR 081180	CP757FU72XLR 081181
Motor Enclosure - Shaft Mtl.	-	XP-CS	XP-CS	XP-CS	Chem XP-SS	Chem XP-SS
Horsepower	-	3.0	3.0	5.0	XP-CS	3
Voltage	AC	208-230/460	575	208-230/460	208-230/460	208-230/460
Phase - Frequency	-	Three-60 Hz	Three-60 Hz	Three - 60 Hz	Three-60 Hz	Three - 60 Hz
Insulation Class	-	B	B	B	B	B
NEMA Rated Motor Amps	Amps (A)	7.2/3.6	3.0	14/7	14/7	7.2/3.6
Service Factor	-	1.0	1.0	1.0	1.0	1.0
Maximum Blower Amps	Amps (A)	10/5	4.0	15/7.5	15/7.5	10/5
Locked Rotor Amps	Amps (A)	54/47	22	152/76	152/76	54/27
NEMA Starter Size	-	0/0	0	1/1	1/1	0/0
Shipping Weight	Lbs Kg	158 71.7	158 71.7	158 71.7	158 71.7	158 71.7

Voltage - ROTRON motors are designed to handle a broad range of world voltages and power supply variations. Our dual voltage 3 phase motors are factory tested and certified to operate on both: **208-230/415-460 VAC-3 ph-60 Hz** and **190-208/380-415 VAC-3 ph-50 Hz**. Our dual voltage 1 phase motors are factory tested and certified to operate on both: **104-115/208-230 VAC-1 ph-60 Hz** and **100-110/200-220 VAC-1 ph-50 Hz**. All voltages above can handle a ±10% voltage fluctuation. Special wound motors can be ordered for voltages outside our certified range.

Operating Temperatures - Maximum operating temperature: Motor winding temperature (winding rise plus ambient) should not exceed 140°C for Class F rated motors or 120°C for Class B rated motors. Blower outlet air temperature should not exceed 140°C (air temperature rise plus inlet temperature). Performance curve maximum pressure and suction points are based on a 40°C inlet and ambient temperature. Consult factory for inlet or ambient temperatures above 40°C.

Maximum Blower Amps - Corresponds to the performance point at which the motor or blower temperature rise with a 40°C inlet and/or ambient temperature reaches the maximum operating temperature.

XP Motor Class - Group - See Explosive Atmosphere Classification Chart in Section I

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- Maximum flow: 310 SCFM
- Maximum pressure: 80 IWG
- Maximum vacuum: 75 IWG
- Standard motor: 5.0 HP, explosion-proof
- Cast aluminum blower housing, impeller, cover & manifold; cast iron flanges (threaded); teflon® lip seal
- UL & CSA approved motor with permanently sealed ball bearings for explosive gas atmospheres Class I Group D minimum
- Sealed blower assembly
- Quiet operation within OSHA standards

MOTOR OPTIONS

- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepowers for application-specific needs

BLOWER OPTIONS

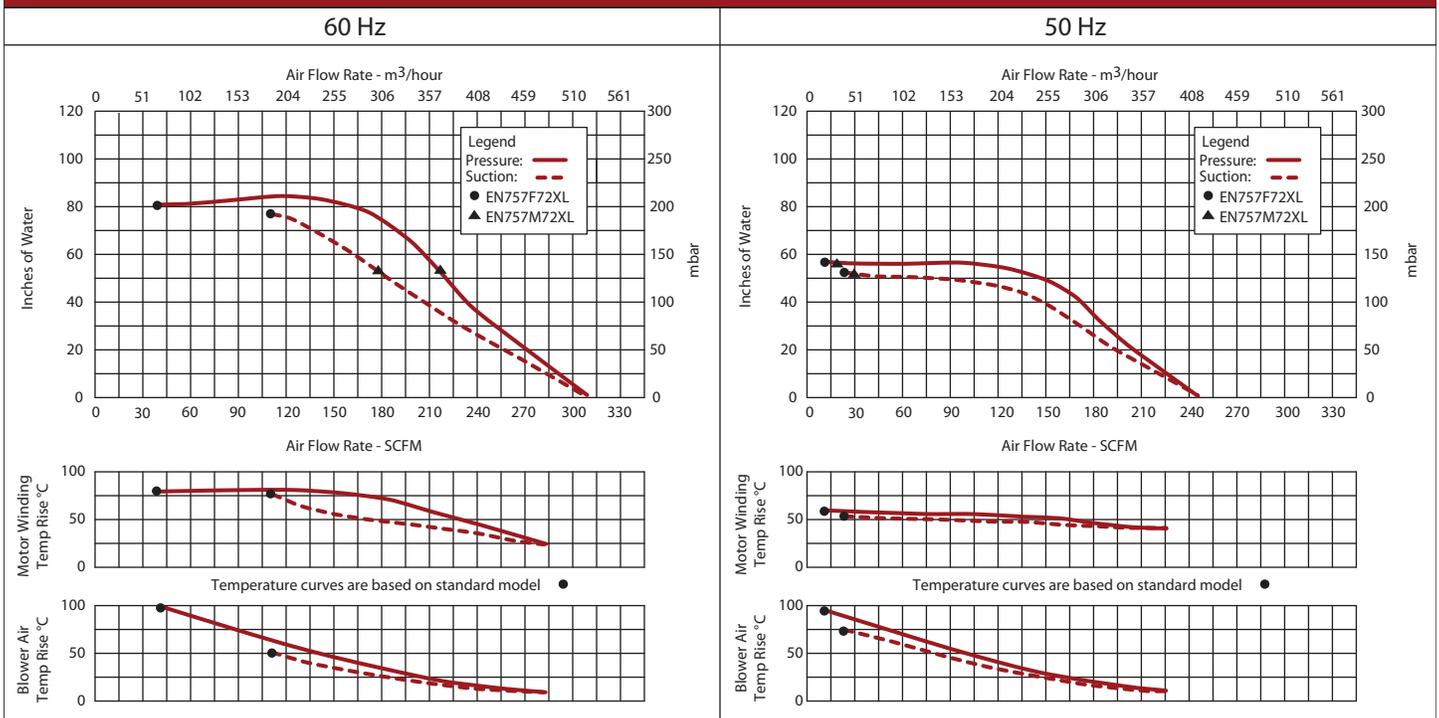
- Corrosion resistant surface treatments & sealing options
- Remote drive (motorless) models
- Slip-on or face flanges for application-specific needs

ACCESSORIES

- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges, & relief valves
- Switches - air flow, pressure, vacuum, or temperature
- External mufflers for additional silencing
- Air knives (used on blow-off applications)
- Variable frequency drive package



Blower Performance at Standard Conditions



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APPENDIX H

P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, D.P.C.

631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • MONTICELLO • SYRACUSE



May 14, 2025

Mr. Michael Pecoraro
P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716

Re: Data Usability Summary Report – Pace Analytical Services– L2518413

Dear Mr. Pecoraro:

The evaluation of analytical data by Pace Analytical Services for nine water samples and one trip blank from the 3140 Coney Island Avenue, Brooklyn, NY site, which were reported in a single data package under Job No. L2518413 has been completed.. The following samples were reported.

MW10	MW17	MW15
ML1 (15-20)	ML1 (35-40)	MW14
MW13	MW12	DUP001
TRIP BLANK		

Analyses were performed in accordance with USEPA Methods 8260D (Volatile Organics). The review was performed to the extent possible, in accordance with the analytical method, and “DER-10/ Technical Guidance for Site Investigation and Remediation”. Professional judgment is applied as necessary and appropriate. National Functional Guidelines for Organic Data Review may be consulted as needed. Qualifiers consistent with those defined by EPA Region 2 are applied as necessary and appropriate.

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	Yes
2. Have all holding times been met?	Yes
3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?	No -see following sections
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes

6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Overall Evaluation

Based on the data review effort, results are usable, with the following qualifications:

- The results for bromomethane in all samples are qualified as estimated (UJ) due to high percent difference in the second source initial calibration verification (ICV) standard.
- The results for bromomethane, acetone, bromoform and 1,2-dibromo-3-chloropropane in MW10, MW17, MW15, MW12, TRIP BLANK, ML1 (15-20), MW14, MW13, and DUP001 and acetone, bromoform and 1,2-dibromo-3-chloropropane in ML1 (35-40) are qualified as estimated (UJ) due to low response in the continuing calibration verification (CCV) standard.
- The result for bromomethane in MW10, MW17, MW15, MW12, TRIP BLANK, ML1 (15-20), MW14, MW13, and DUP001 are qualified as estimated (UJ) due to low recovery in the laboratory control sample (LCS) and LCS duplicate (LCSD).

Qualifier definitions are provided in Attachment A. A copy of the chain of custody record is provided in Attachment B. Pages from the data package illustrating the exceedances and issues described in this validation report are included in Attachment C. Annotated Summary Forms are included in Attachment D detailing qualifications resulting from the data review effort.

The following components were reviewed, where applicable:

- Chain of Custody
- Receiving conditions
- Holding times
- Preservation
- Analyte lists
- Reporting limits
- Requested methods
- Units, and
- Sample related quality control data:
 - Method blanks
 - Field blanks
 - Trip Blanks

- Surrogate recoveries
- LCS/LCSD recoveries
- MS/MSD recoveries
- Internal standards
- Serial dilutions
- Duplicates
- Instrument related quality control data:
 - Instrument tunes
 - Calibration summaries
 - Interference Check Standards

Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package.

Holding Times, Preservation, Sample Integrity:

A copy of the applicable chain of custody (COC) record was included in the data package, documenting sample collection date of March 27, 2025. The samples were received at the laboratory on the same day of sample collection. The samples were received properly preserved and analyzed within method holding time.

1. Calibration

One initial calibration (IC) was performed in support of the sample analyses. All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients (r^2) are acceptable. A second source ICV standard was analyzed after the IC, and all percent differences are acceptable ($\leq 30\%D$) with the exception noted below.

Analyte	%D	Associated Sample	Qualifier Applied
GONZO 4/3/2025 11:32 am			
Bromomethane	34.5	All	UJ

The results for bromomethane in all samples are qualified as estimated (UJ) due to high percent difference in the ICV. Continuing calibration verification (CCV) standards were analyzed at the appropriate frequency and are acceptable, with the exceptions noted below.

Analyte	%D	Associated Sample	Qualifier Applied
CCV GONZO 04/07/25 18:29			
Bromomethane	41.7	MW10	UJ
Acetone	28.7	MW17	
Bromoform	28.1	MW15	

Analyte	%D	Associated Sample	Qualifier Applied
1,2-Dibromo-3-chloropropane	28.4	MW12 TRIP BLANK ML1 (15-20) MW14 MW13 DUP001	
CCV GONZO 04/08/25 20:00			
Acetone	23.1	ML1 (35-40)	UJ
Bromoform	22.3		
1,2-Dibromo-3-chloropropane	26.1		

In all instances, the percent difference represents a decrease in instrument sensitivity. The results for bromomethane, acetone, bromoform and 1,2-dibromo-3-chloropropane in MW10, MW17, MW15, MW12, TRIP BLANK, ML1 (15-20), MW14, MW13, and DUP001 and acetone, bromoform and 1,2-dibromo-3-chloropropane in ML1 (35-40) are qualified as estimated (UJ) due to low response in the CCV.

2. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)

Two LCS/LCSD pairs were analyzed in support of sample analysis. The LCS/LCSD are evaluated using control limit of 70-130%R, relative percent difference (RPD) ≤ 20 . All recoveries and RPDs are acceptable, with the following exceptions. Where the recovery is high and the analytes are not detected in the associated samples, no qualification of results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Associated Sample
LCS WG2051148-3 & 4				
Bromomethane	58	65	a	MW10 MW17 MW15 MW12 TRIP BLANK ML1 (15-20) MW14 MW13 DUP001

a=acceptable

The result for bromomethane in MW10, MW17, MW15, MW12, TRIP BLANK, ML1 (15-20), MW14, MW13, and DUP001 are qualified as estimated (UJ) due to low recovery in the LCS

and LCSD.

3. Field Duplicates

DUP001 was submitted as a field duplicate of ML1 (15-20). Precision is acceptable ($RPD \leq 30$) as presented below. Results below the reporting limit are not evaluated.

Analyte	ML1 (15-20) ($\mu\text{g/L}$)	DUP001 ($\mu\text{g/L}$)	RPD
Vinyl chloride	15	14	6.9
Trichloroethene	1.4 (J)	ND	nc
cis-1,2-Dichloroethene	27	25	7.7

ND=not detected

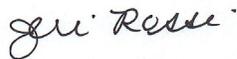
nc=not calculated

4. Sample Quantitation and Reporting Limits

The narrative indicates samples ML1 (15-20) [5X], MW14 [4X], MW13 [10X] and DUP001[10X] were analyzed at a dilution due to sample foaming. The reporting limits have been adjusted accordingly.

No other sample results are qualified. Please feel free to contact me at (908) 370-3431 or richjerirossi513@gmail.com if you have any questions regarding this data package review report or need further information.

Sincerely,



Jeri L Rossi, CEAC

Environmental Consulting Chemist

ATTACHMENT A

Qualifier Definitions

EPA Qualifier Definitions

- U The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- NJ The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
- UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- R The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

ATTACHMENT B

CHAIN OF CUSTODY (COC)



**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1
of 1

Date Rec'd
in Lab 3/28/25

ALPHA Job #
L25 10413

Project Information

Project Name: CR2501
Project Location: 3190 Corey Island,
Project #

Deliverables

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

Billing Information

Same as Client Info
PO #

Client Information

Client: WFC
Address: 600 Johnson Ave
Suite 7, Putnam, NY
Phone: 631 669 2221

(Use Project name as Project #)
Project Manager: Michael Picoraro
ALPHAQuote #:
Turn-Around Time

Regulatory Requirement

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

Disposal Site Information

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

Fax:
Email: mpicoraro@putnam.com
Standard Due Date:
Rush (only if pre approved) # of Days:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration

Done
 Lab to do
Preservation
 Lab to do

(Please Specify below)

Sample Specific Comments

Total Bottles

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
10413-1	Mw10 / ML1 / M&D	3/29/25	08:30	Gw	AB
2	Mw17		11:10		
3	Mw15		15:00		
4	Mw14 ML1 (15-20)		09:45		
5	ML1 (35-90)		10:25		
6	Mw14		13:30		
7	Mw13		14:25		
8	Mw12		11:55		
9	Dupcat				
10	Trip blank				

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

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

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
Andres Pulkares	3/29/25 17:10	WIFI Pace	3/27/25 17:10
WIFI Pace	3/27/25 20:40	Anthony Green	MAR 27 2025 01:35
Anthony Green	3/28/25 09:50		03/28/25 09:50

ATTACHMENT C

**SELECTED PAGES FROM DATA PACKAGE –
QC EXCEEDANCES AND VALIDATION ISSUES**

Laboratory Control Sample Summary

Form 3

Volatiles

Client : P. W. Grosser **Lab Number** : L2518413
Project Name : CIR2501 **Project Number** : CIR2501
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG2051148-3 **Analysis Date** : 04/07/25 18:29 **File ID** : VG250407N01
LCSD Sample ID : WG2051148-4 **Analysis Date** : 04/07/25 18:53 **File ID** : VG250407N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	9.6	96	10	9.9	99	3	70-130	20
1,1-Dichloroethane	10	10	100	10	10	100	0	70-130	20
Chloroform	10	9.7	97	10	10	100	3	70-130	20
Carbon tetrachloride	10	9.4	94	10	9.3	93	1	63-132	20
1,2-Dichloropropane	10	9.9	99	10	10	100	1	70-130	20
Dibromochloromethane	10	8.2	82	10	8.6	86	5	63-130	20
1,1,2-Trichloroethane	10	9.4	94	10	9.6	96	2	70-130	20
Tetrachloroethene	10	9.1	91	10	9.0	90	1	70-130	20
Chlorobenzene	10	9.4	94	10	9.6	96	2	75-130	20
Trichlorofluoromethane	10	9.7	97	10	9.7	97	0	62-150	20
1,2-Dichloroethane	10	10	100	10	11	110	10	70-130	20
1,1,1-Trichloroethane	10	9.7	97	10	9.7	97	0	67-130	20
Bromodichloromethane	10	9.3	93	10	9.6	96	3	67-130	20
trans-1,3-Dichloropropene	10	9.5	95	10	9.8	98	3	70-130	20
cis-1,3-Dichloropropene	10	9.6	96	10	9.9	99	3	70-130	20
1,1-Dichloropropene	10	10	100	10	10	100	0	70-130	20
Bromoform	10	7.2	72	10	7.7	77	7	54-136	20
1,1,2,2-Tetrachloroethane	10	9.5	95	10	10	100	5	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	8.9	89	10	8.9	89	0	64-130	20
Bromomethane	10	5.8	58	10	6.5	65	11	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	8.5	85	10	8.4	84	1	55-138	20
1,1-Dichloroethene	10	9.5	95	10	9.5	95	0	61-145	20



Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\250403AICAL\
 Data File : VG250403A19.D
 Acq On : 3 Apr 2025 11:32 am
 Operator : GONZO:PID
 Sample : C8260STD10PPB (Sig #1); C8260ICAL10PPB (Sig #2)
 Misc : WG2049107,ICAL (Sig #1); WG,ICAL (Sig #2)
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 03 11:57:06 2025
 Quant Method : K:\Gonzo\2025\250403AICAL\G_250403A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Apr 03 11:53:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	99	0.00
2 TP Dichlorodifluoromethane	0.211	0.248	-17.5	113	0.00
3 TP Chloromethane	0.205	0.235	-14.6	111	0.00
4 TP Vinyl chloride	0.193	0.228	-18.1	107	0.00
5 TP Bromomethane	* 10.000	13.449	-34.5#	158	0.00
6 TP Chloroethane	0.136	0.160	-17.6	102	0.00
7 TP Trichlorofluoromethane	0.288	0.329	-14.2	108	0.00
8 TP Ethyl ether	0.107	0.099	7.5	90	0.00
10 TP 1,1-Dichloroethene	0.175	0.164	6.3	90	0.00
11 TP Carbon disulfide	0.522	0.473	9.4	88	0.00
12 TP Freon-113	0.172	0.187	-8.7	103	0.00
13 TP Iodomethane	0.271	0.190	29.9#	69	0.00
14 TP Acrolein	0.031	0.025	19.4	85	0.00
15 TP Methylene chloride	0.202	0.194	4.0	94	0.00
17 TP Acetone	* 10.000	8.753	12.5	98	0.00
18 TP trans-1,2-Dichloroethene	0.193	0.192	0.5	96	0.00
19 TP Methyl acetate	0.106	0.100	5.7	104	0.00
20 TP Methyl tert-butyl ether	0.550	0.484	12.0	87	0.00
21 TP tert-Butyl alcohol	0.015	0.014	6.7	95	0.00
22 TP Diisopropyl ether	0.575	0.548	4.7	93	0.00
23 TP 1,1-Dichloroethane	0.343	0.334	2.6	93	0.00
24 TP Halothane	0.151	0.157	-4.0	98	0.00
25 TP Acrylonitrile	0.052	0.049	5.8	97	0.00
26 TP Ethyl tert-butyl ether	0.564	0.543	3.7	94	0.00
27 TP Vinyl acetate	0.316	0.325	-2.8	102	0.00
28 TP cis-1,2-Dichloroethene	0.221	0.214	3.2	94	0.00
29 TP 2,2-Dichloropropane	0.277	0.256	7.6	88	0.00
30 TP Bromochloromethane	0.103	0.101	1.9	92	0.00
31 TP Cyclohexane	0.291	0.291	0.0	95	0.00
32 TP Chloroform	0.348	0.334	4.0	93	0.00
33 TP Ethyl acetate	0.151	0.145	4.0	97	0.00
34 TP Carbon tetrachloride	0.260	0.267	-2.7	94	0.00
35 TP Tetrahydrofuran	0.052	0.047	9.6	97	0.00
36 S Dibromofluoromethane	0.255	0.243	4.7	97	0.00
37 TP 1,1,1-Trichloroethane	0.299	0.308	-3.0	97	0.00
39 TP 2-Butanone	0.068	0.065	4.4	102	0.00
40 TP 1,1-Dichloropropene	0.240	0.267	-11.3	105	0.00
41 TP Benzene	0.768	0.793	-3.3	96	0.00
42 TP tert-Amyl methyl ether	0.543	0.501	7.7	91	0.00

Calibration Verification Summary

Form 7

Volatiles

Client : P. W. Grosser
 Project Name : CIR2501
 Instrument ID : GONZO
 Lab File ID : VG250407N01
 Sample No : WG2051148-2
 Channel :

Lab Number : L2518413
 Project Number : CIR2501
 Calibration Date : 04/07/25 18:29
 Init. Calib. Date(s) : 04/03/25 04/03/25
 Init. Calib. Times : 05:32 09:32

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	148	0
Dichlorodifluoromethane	0.211	0.194	-	8.1	20	131	0
Chloromethane	0.205	0.183	-	10.7	20	128	0
Vinyl chloride	0.193	0.21	-	-8.8	20	146	0
Bromomethane	10	5.831	-	41.7*	20	98	0
Chloroethane	0.136	0.116	-	14.7	20	110	0
Trichlorofluoromethane	0.288	0.281	-	2.4	20	138	0
Ethyl ether	0.107	0.1	-	6.5	20	134	0
1,1-Dichloroethene	0.175	0.167	-	4.6	20	136	0
Carbon disulfide	0.522	0.489	-	6.3	20	136	0
Freon-113	0.172	0.173	-	-0.6	20	142	0
Acrolein	0.031	0.019	-	38.7*	20	95	0
Methylene chloride	0.202	0.194	-	4	20	141	0
Acetone	10	7.13	-	28.7*	20	121	0
trans-1,2-Dichloroethene	0.193	0.184	-	4.7	20	138	0
Methyl acetate	0.106	0.085	-	19.8	20	132	0
Methyl tert-butyl ether	0.55	0.498	-	9.5	20	134	0
tert-Butyl alcohol	0.015	0.011	-	26.7*	20	107	0
Diisopropyl ether	0.575	0.569	-	1	20	144	0
1,1-Dichloroethane	0.343	0.353	-	-2.9	20	146	0
Halothane	0.151	0.136	-	9.9	20	126	0
Acrylonitrile	0.052	0.049	-	5.8	20	143	0
Ethyl tert-butyl ether	0.564	0.523	-	7.3	20	135	0
Vinyl acetate	0.316	0.306	-	3.2	20	142	0
cis-1,2-Dichloroethene	0.221	0.21	-	5	20	138	0
2,2-Dichloropropane	0.277	0.279	-	-0.7	20	143	0
Bromochloromethane	0.103	0.086*	-	16.5	20	117	0
Cyclohexane	0.291	0.311	-	-6.9	20	150	0
Chloroform	0.348	0.339	-	2.6	20	141	0
Ethyl acetate	0.151	0.133	-	11.9	20	133	0
Carbon tetrachloride	0.26	0.246	-	5.4	20	128	0
Tetrahydrofuran	0.052	0.043	-	17.3	20	133	0
Dibromofluoromethane	0.255	0.246	-	3.5	20	145	0
1,1,1-Trichloroethane	0.299	0.289	-	3.3	20	135	0
2-Butanone	0.068	0.066	-	2.9	20	154	0
1,1-Dichloropropene	0.24	0.24	-	0	20	141	0
Benzene	0.768	0.778	-	-1.3	20	141	0
tert-Amyl methyl ether	0.543	0.447	-	17.7	20	121	0
1,2-Dichloroethane-d4	0.263	0.296	-	-12.5	20	166	0
1,2-Dichloroethane	0.241	0.249	-	-3.3	20	149	0
Methyl cyclohexane	0.279	0.292	-	-4.7	20	149	0
Trichloroethene	0.209	0.204	-	2.4	20	139	0
Dibromomethane	0.122	0.112	-	8.2	20	136	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : P. W. Grosser
 Project Name : CIR2501
 Instrument ID : GONZO
 Lab File ID : VG250407N01
 Sample No : WG2051148-2
 Channel :

Lab Number : L2518413
 Project Number : CIR2501
 Calibration Date : 04/07/25 18:29
 Init. Calib. Date(s) : 04/03/25 04/03/25
 Init. Calib. Times : 05:32 09:32

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.2	0.199*	-	0.5	20	144	0
Bromodichloromethane	0.278	0.259*	-	6.8	20	135	0
1,4-Dioxane	0.00189	0.00174*	-	7.9	20	138	0
cis-1,3-Dichloropropene	0.318	0.307	-	3.5	20	138	0
Chlorobenzene-d5	1	1	-	0	20	144	0
Toluene-d8	1.291	1.325	-	-2.6	20	149	0
Toluene	0.646	0.646	-	0	20	138	0
4-Methyl-2-pentanone	0.074	0.065	-	12.2	20	128	0
Tetrachloroethene	0.279	0.254	-	9	20	121	0
trans-1,3-Dichloropropene	0.366	0.346	-	5.5	20	135	0
Ethyl methacrylate	0.298	0.264	-	11.4	20	131	0
1,1,2-Trichloroethane	0.189	0.178*	-	5.8	20	137	0
Chlorodibromomethane	0.286	0.236	-	17.5	20	119	0
1,3-Dichloropropane	0.375	0.371	-	1.1	20	144	0
1,2-Dibromoethane	0.23	0.212	-	7.8	20	132	0
2-Hexanone	0.134	0.109	-	18.7	20	126	0
Chlorobenzene	0.751	0.71	-	5.5	20	132	0
Ethylbenzene	1.247	1.243	-	0.3	20	140	0
1,1,1,2-Tetrachloroethane	0.275	0.235	-	14.5	20	120	0
p/m Xylene	0.485	0.472	-	2.7	20	136	0
o Xylene	0.491	0.461	-	6.1	20	131	0
Styrene	0.851	0.789	-	7.3	20	134	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	140	0
Bromoform	0.349	0.251	-	28.1*	20	102	0
Isopropylbenzene	2.129	2.156	-	-1.3	20	135	0
4-Bromofluorobenzene	0.864	0.97	-	-12.3	20	155	0
Bromobenzene	0.596	0.557	-	6.5	20	123	0
n-Propylbenzene	2.449	2.553	-	-4.2	20	138	0
1,4-Dichlorobutane	0.671	0.678	-	-1	20	143	0
1,1,2,2-Tetrachloroethane	0.516	0.49	-	5	20	132	0
4-Ethyltoluene	2.076	2.137	-	-2.9	20	137	0
2-Chlorotoluene	1.537	1.599	-	-4	20	142	0
1,3,5-Trimethylbenzene	1.799	1.853	-	-3	20	137	0
1,2,3-Trichloropropane	0.412	0.399	-	3.2	20	137	0
trans-1,4-Dichloro-2-buten	0.134	0.109	-	18.7	20	115	0
4-Chlorotoluene	1.609	1.696	-	-5.4	20	143	0
tert-Butylbenzene	1.466	1.454	-	0.8	20	131	0
1,2,4-Trimethylbenzene	1.799	1.839	-	-2.2	20	138	0
sec-Butylbenzene	2.058	2.079	-	-1	20	135	0
p-Isopropyltoluene	1.819	1.826	-	-0.4	20	136	0
1,3-Dichlorobenzene	1.094	1.036	-	5.3	20	126	0
1,4-Dichlorobenzene	1.134	1.058	-	6.7	20	128	0
p-Diethylbenzene	1.059	1.045	-	1.3	20	133	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : P. W. Grosser
Project Name : CIR2501
Instrument ID : GONZO
Lab File ID : VG250407N01
Sample No : WG2051148-2
Channel :

Lab Number : L2518413
Project Number : CIR2501
Calibration Date : 04/07/25 18:29
Init. Calib. Date(s) : 04/03/25 04/03/25
Init. Calib. Times : 05:32 09:32

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.433	1.499	-	-4.6	20	142	0
1,2-Dichlorobenzene	1.054	0.976	-	7.4	20	125	0
1,2,4,5-Tetramethylbenzene	1.645	1.576	-	4.2	20	134	0
1,2-Dibromo-3-chloropropan	0.088	0.063	-	28.4*	20	99	0
1,3,5-Trichlorobenzene	0.694	0.64	-	7.8	20	122	0
Hexachlorobutadiene	0.209	0.196	-	6.2	20	123	0
1,2,4-Trichlorobenzene	0.599	0.535	-	10.7	20	120	0
Naphthalene	1.334	1.147	-	14	20	121	0
1,2,3-Trichlorobenzene	0.491	0.413	-	15.9	20	112	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : P. W. Grosser
 Project Name : CIR2501
 Instrument ID : GONZO
 Lab File ID : VG250408N01
 Sample No : WG2051511-2
 Channel :

Lab Number : L2518413
 Project Number : CIR2501
 Calibration Date : 04/08/25 20:00
 Init. Calib. Date(s) : 04/03/25 04/03/25
 Init. Calib. Times : 05:32 09:32

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	134	0
Dichlorodifluoromethane	0.211	0.212	-	-0.5	20	130	0
Chloromethane	0.205	0.195	-	4.9	20	124	0
Vinyl chloride	0.193	0.222	-	-15	20	140	0
Bromomethane	10	9.644	-	3.6	20	151	0
Chloroethane	0.136	0.125	-	8.1	20	108	0
Trichlorofluoromethane	0.288	0.312	-	-8.3	20	139	0
Ethyl ether	0.107	0.11	-	-2.8	20	135	0
1,1-Dichloroethene	0.175	0.178	-	-1.7	20	131	0
Carbon disulfide	0.522	0.528	-	-1.1	20	133	0
Freon-113	0.172	0.187	-	-8.7	20	139	0
Acrolein	0.031	0.028	-	9.7	20	127	.01
Methylene chloride	0.202	0.205	-	-1.5	20	135	0
Acetone	10	7.693	-	23.1*	20	117	0
trans-1,2-Dichloroethene	0.193	0.194	-	-0.5	20	132	0
Methyl acetate	0.106	0.09	-	15.1	20	126	0
Methyl tert-butyl ether	0.55	0.514	-	6.5	20	125	0
tert-Butyl alcohol	0.015	0.011	-	26.7*	20	99	0
Diisopropyl ether	0.575	0.594	-	-3.3	20	136	0
1,1-Dichloroethane	0.343	0.374	-	-9	20	140	0
Halothane	0.151	0.15	-	0.7	20	126	0
Acrylonitrile	0.052	0.05	-	3.8	20	133	0
Ethyl tert-butyl ether	0.564	0.526	-	6.7	20	123	0
Vinyl acetate	0.316	0.323	-	-2.2	20	137	0
cis-1,2-Dichloroethene	0.221	0.22	-	0.5	20	130	0
2,2-Dichloropropane	0.277	0.285	-	-2.9	20	132	0
Bromochloromethane	0.103	0.097*	-	5.8	20	119	0
Cyclohexane	0.291	0.333	-	-14.4	20	146	0
Chloroform	0.348	0.35	-	-0.6	20	132	0
Ethyl acetate	0.151	0.144	-	4.6	20	130	0
Carbon tetrachloride	0.26	0.268	-	-3.1	20	127	0
Tetrahydrofuran	0.052	0.048	-	7.7	20	134	0
Dibromofluoromethane	0.255	0.249	-	2.4	20	133	0
1,1,1-Trichloroethane	0.299	0.308	-	-3	20	131	0
2-Butanone	0.068	0.063	-	7.4	20	132	0
1,1-Dichloropropene	0.24	0.263	-	-9.6	20	140	0
Benzene	0.768	0.816	-	-6.2	20	134	0
tert-Amyl methyl ether	0.543	0.465	-	14.4	20	114	0
1,2-Dichloroethane-d4	0.263	0.296	-	-12.5	20	151	0
1,2-Dichloroethane	0.241	0.269	-	-11.6	20	146	0
Methyl cyclohexane	0.279	0.301	-	-7.9	20	139	0
Trichloroethene	0.209	0.216	-	-3.3	20	133	0
Dibromomethane	0.122	0.118	-	3.3	20	129	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : P. W. Grosser
 Project Name : CIR2501
 Instrument ID : GONZO
 Lab File ID : VG250408N01
 Sample No : WG2051511-2
 Channel :

Lab Number : L2518413
 Project Number : CIR2501
 Calibration Date : 04/08/25 20:00
 Init. Calib. Date(s) : 04/03/25 04/03/25
 Init. Calib. Times : 05:32 09:32

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.2	0.209	-	-4.5	20	137	0
Bromodichloromethane	0.278	0.28*	-	-0.7	20	133	0
1,4-Dioxane	0.00189	0.00178*	-	5.8	20	128	0
cis-1,3-Dichloropropene	0.318	0.318	-	0	20	130	0
Chlorobenzene-d5	1	1	-	0	20	132	0
Toluene-d8	1.291	1.325	-	-2.6	20	137	0
Toluene	0.646	0.664	-	-2.8	20	130	0
4-Methyl-2-pentanone	0.074	0.065	-	12.2	20	117	0
Tetrachloroethene	0.279	0.273	-	2.2	20	120	0
trans-1,3-Dichloropropene	0.366	0.35	-	4.4	20	125	0
Ethyl methacrylate	0.298	0.272	-	8.7	20	124	0
1,1,2-Trichloroethane	0.189	0.185*	-	2.1	20	131	0
Chlorodibromomethane	0.286	0.248	-	13.3	20	115	0
1,3-Dichloropropane	0.375	0.391	-	-4.3	20	139	0
1,2-Dibromoethane	0.23	0.218	-	5.2	20	125	0
2-Hexanone	0.134	0.111	-	17.2	20	119	0
Chlorobenzene	0.751	0.752	-	-0.1	20	128	0
Ethylbenzene	1.247	1.311	-	-5.1	20	135	0
1,1,1,2-Tetrachloroethane	0.275	0.254	-	7.6	20	120	0
p/m Xylene	0.485	0.49	-	-1	20	129	0
o Xylene	0.491	0.486	-	1	20	127	0
Styrene	0.851	0.835	-	1.9	20	130	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	131	0
Bromoform	0.349	0.271	-	22.3*	20	104	0
Isopropylbenzene	2.129	2.219	-	-4.2	20	130	0
4-Bromofluorobenzene	0.864	0.934	-	-8.1	20	140	0
Bromobenzene	0.596	0.583	-	2.2	20	121	0
n-Propylbenzene	2.449	2.646	-	-8	20	135	0
1,4-Dichlorobutane	0.671	0.713	-	-6.3	20	141	0
1,1,2,2-Tetrachloroethane	0.516	0.505	-	2.1	20	127	0
4-Ethyltoluene	2.076	2.213	-	-6.6	20	133	0
2-Chlorotoluene	1.537	1.638	-	-6.6	20	136	0
1,3,5-Trimethylbenzene	1.799	1.908	-	-6.1	20	132	0
1,2,3-Trichloropropane	0.412	0.39	-	5.3	20	126	0
trans-1,4-Dichloro-2-buten	0.134	0.123	-	8.2	20	121	0
4-Chlorotoluene	1.609	1.726	-	-7.3	20	136	0
tert-Butylbenzene	1.466	1.516	-	-3.4	20	128	0
1,2,4-Trimethylbenzene	1.799	1.9	-	-5.6	20	134	0
sec-Butylbenzene	2.058	2.204	-	-7.1	20	134	0
p-Isopropyltoluene	1.819	1.885	-	-3.6	20	131	0
1,3-Dichlorobenzene	1.094	1.089	-	0.5	20	124	0
1,4-Dichlorobenzene	1.134	1.111	-	2	20	126	0
p-Diethylbenzene	1.059	1.108	-	-4.6	20	132	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : P. W. Grosser
Project Name : CIR2501
Instrument ID : GONZO
Lab File ID : VG250408N01
Sample No : WG2051511-2
Channel :

Lab Number : L2518413
Project Number : CIR2501
Calibration Date : 04/08/25 20:00
Init. Calib. Date(s) : 04/03/25 04/03/25
Init. Calib. Times : 05:32 09:32

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.433	1.584	-	-10.5	20	140	0
1,2-Dichlorobenzene	1.054	1.024	-	2.8	20	123	0
1,2,4,5-Tetramethylbenzene	1.645	1.581	-	3.9	20	126	0
1,2-Dibromo-3-chloropropan	0.088	0.065	-	26.1*	20	96	0
1,3,5-Trichlorobenzene	0.694	0.674	-	2.9	20	120	0
Hexachlorobutadiene	0.209	0.203	-	2.9	20	120	0
1,2,4-Trichlorobenzene	0.599	0.555	-	7.3	20	117	0
Naphthalene	1.334	1.114	-	16.5	20	110	0
1,2,3-Trichlorobenzene	0.491	0.429	-	12.6	20	109	0

* Value outside of QC limits.



ATTACHMENT D

ANNOTATED SUMMARY FORMS

Results Summary
Form 1
Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-01
 Client ID : MW10
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 08:30
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 22:12
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	UJ
75-01-4	Vinyl chloride	0.19	1.0	0.07	J



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-01
 Client ID : MW10
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 08:30
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 22:12
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-01
 Client ID : MW10
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 08:30
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 22:12
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-01	Date Collected	: 03/27/25 08:30
Client ID	: MW10	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/07/25 22:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N07	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-02
 Client ID : MW17
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 11:10
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 22:36
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-02
 Client ID : MW17
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 11:10
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 22:36
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-02
 Client ID : MW17
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 11:10
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 22:36
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-02	Date Collected	: 03/27/25 11:10
Client ID	: MW17	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/07/25 22:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N08	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-03
 Client ID : MW15
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 15:00
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 23:00
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	UJ
75-01-4	Vinyl chloride	0.25	1.0	0.07	J



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-03
 Client ID : MW15
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 15:00
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 23:00
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-03
 Client ID : MW15
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 15:00
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 23:00
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	1.5	2.0	0.54	J
60-29-7	Ethyl ether	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-03	Date Collected	: 03/27/25 15:00
Client ID	: MW15	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/07/25 23:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N09	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-04D
 Client ID : ML1 (15-20)
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N13
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 09:45
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 00:36
 Dilution Factor : 5
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	ND	2.5	0.90	U
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
542-75-6	1,3-Dichloropropene, Total	ND	2.5	0.72	U
563-58-6	1,1-Dichloropropene	ND	12	3.5	U
75-25-2	Bromoform	ND	10	3.2	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	UJ
75-01-4	Vinyl chloride	15	5.0	0.36	



Results Summary
Form 1
Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-04D
 Client ID : ML1 (15-20)
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N13
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 09:45
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 00:36
 Dilution Factor : 5
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	12	3.5	U
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	1.4	2.5	0.88	J
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	0.83	U
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	ND	12	3.5	U
1330-20-7	Xylenes, Total	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	27	12	3.5	
540-59-0	1,2-Dichloroethene, Total	27	12	3.5	
74-95-3	Dibromomethane	ND	25	5.0	U
96-18-4	1,2,3-Trichloropropane	ND	12	3.5	U
107-13-1	Acrylonitrile	ND	25	7.5	U
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	ND	25	7.3	UJ
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U
108-05-4	Vinyl acetate	ND	25	5.0	U
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-04D
 Client ID : ML1 (15-20)
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N13
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 09:45
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 00:36
 Dilution Factor : 5
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
142-28-9	1,3-Dichloropropane	ND	12	3.5	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	12	3.5	U
108-86-1	Bromobenzene	ND	12	3.5	U
104-51-8	n-Butylbenzene	ND	12	3.5	U
135-98-8	sec-Butylbenzene	ND	12	3.5	U
98-06-6	tert-Butylbenzene	ND	12	3.5	U
95-49-8	o-Chlorotoluene	ND	12	3.5	U
106-43-4	p-Chlorotoluene	ND	12	3.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	UJ
87-68-3	Hexachlorobutadiene	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
99-87-6	p-Isopropyltoluene	ND	12	3.5	U
91-20-3	Naphthalene	ND	12	3.5	U
103-65-1	n-Propylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
108-67-8	1,3,5-Trimethylbenzene	ND	12	3.5	U
95-63-6	1,2,4-Trimethylbenzene	ND	12	3.5	U
123-91-1	1,4-Dioxane	ND	1200	300	U
105-05-5	p-Diethylbenzene	ND	10	3.5	U
622-96-8	p-Ethyltoluene	ND	10	3.5	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	10	2.7	U
60-29-7	Ethyl ether	ND	12	3.5	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-04D	Date Collected	: 03/27/25 09:45
Client ID	: ML1 (15-20)	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/08/25 00:36
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N13	Instrument ID	: GONZO
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	12	3.5	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-05
 Client ID : ML1 (35-40)
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250408N16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 10:25
 Date Received : 03/27/25
 Date Analyzed : 04/09/25 02:17
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-05
 Client ID : ML1 (35-40)
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250408N16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 10:25
 Date Received : 03/27/25
 Date Analyzed : 04/09/25 02:17
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.33	0.50	0.18	J
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-05
 Client ID : ML1 (35-40)
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250408N16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 10:25
 Date Received : 03/27/25
 Date Analyzed : 04/09/25 02:17
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-05	Date Collected	: 03/27/25 10:25
Client ID	: ML1 (35-40)	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/09/25 02:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: VG250408N16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-06D
 Client ID : MW14
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N14
 Sample Amount : 2.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 13:30
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:00
 Dilution Factor : 4
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	10	2.8	U
75-34-3	1,1-Dichloroethane	ND	10	2.8	U
67-66-3	Chloroform	ND	10	2.8	U
56-23-5	Carbon tetrachloride	ND	2.0	0.54	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.55	U
124-48-1	Dibromochloromethane	ND	2.0	0.60	U
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.0	U
127-18-4	Tetrachloroethene	22	2.0	0.72	
108-90-7	Chlorobenzene	ND	10	2.8	U
75-69-4	Trichlorofluoromethane	ND	10	2.8	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.53	U
71-55-6	1,1,1-Trichloroethane	ND	10	2.8	U
75-27-4	Bromodichloromethane	ND	2.0	0.77	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.66	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	U
542-75-6	1,3-Dichloropropene, Total	ND	2.0	0.58	U
563-58-6	1,1-Dichloropropene	ND	10	2.8	U
75-25-2	Bromoform	ND	8.0	2.6	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.67	U
71-43-2	Benzene	ND	2.0	0.64	U
108-88-3	Toluene	ND	10	2.8	U
100-41-4	Ethylbenzene	ND	10	2.8	U
74-87-3	Chloromethane	ND	10	2.8	U
74-83-9	Bromomethane	ND	10	2.8	UJ
75-01-4	Vinyl chloride	40	4.0	0.28	



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-06D
 Client ID : MW14
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N14
 Sample Amount : 2.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 13:30
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:00
 Dilution Factor : 4
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	10	2.8	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.68	U
156-60-5	trans-1,2-Dichloroethene	ND	10	2.8	U
79-01-6	Trichloroethene	8.9	2.0	0.70	
95-50-1	1,2-Dichlorobenzene	ND	10	2.8	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.8	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	U
1634-04-4	Methyl tert butyl ether	ND	10	0.66	U
179601-23-1	p/m-Xylene	ND	10	2.8	U
95-47-6	o-Xylene	ND	10	2.8	U
1330-20-7	Xylenes, Total	ND	10	2.8	U
156-59-2	cis-1,2-Dichloroethene	120	10	2.8	
540-59-0	1,2-Dichloroethene, Total	120	10	2.8	
74-95-3	Dibromomethane	ND	20	4.0	U
96-18-4	1,2,3-Trichloropropane	ND	10	2.8	U
107-13-1	Acrylonitrile	ND	20	6.0	U
100-42-5	Styrene	ND	10	2.8	U
75-71-8	Dichlorodifluoromethane	ND	20	4.0	U
67-64-1	Acetone	ND	20	5.8	UJ
75-15-0	Carbon disulfide	ND	20	4.0	U
78-93-3	2-Butanone	ND	20	7.8	U
108-05-4	Vinyl acetate	ND	20	4.0	U
108-10-1	4-Methyl-2-pentanone	ND	20	4.0	U
591-78-6	2-Hexanone	ND	20	4.0	U
74-97-5	Bromochloromethane	ND	10	2.8	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-06D
 Client ID : MW14
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N14
 Sample Amount : 2.5 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 13:30
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:00
 Dilution Factor : 4
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	10	2.8	U
106-93-4	1,2-Dibromoethane	ND	8.0	2.6	U
142-28-9	1,3-Dichloropropane	ND	10	2.8	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	2.8	U
108-86-1	Bromobenzene	ND	10	2.8	U
104-51-8	n-Butylbenzene	ND	10	2.8	U
135-98-8	sec-Butylbenzene	ND	10	2.8	U
98-06-6	tert-Butylbenzene	ND	10	2.8	U
95-49-8	o-Chlorotoluene	ND	10	2.8	U
106-43-4	p-Chlorotoluene	ND	10	2.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.8	U
87-68-3	Hexachlorobutadiene	ND	10	2.8	UU
98-82-8	Isopropylbenzene	ND	10	2.8	U
99-87-6	p-Isopropyltoluene	ND	10	2.8	U
91-20-3	Naphthalene	ND	10	2.8	U
103-65-1	n-Propylbenzene	ND	10	2.8	U
87-61-6	1,2,3-Trichlorobenzene	ND	10	2.8	U
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.8	U
108-67-8	1,3,5-Trimethylbenzene	ND	10	2.8	U
95-63-6	1,2,4-Trimethylbenzene	ND	10	2.8	U
123-91-1	1,4-Dioxane	ND	1000	240	U
105-05-5	p-Diethylbenzene	ND	8.0	2.8	U
622-96-8	p-Ethyltoluene	ND	8.0	2.8	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	8.0	2.2	U
60-29-7	Ethyl ether	ND	10	2.8	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-06D	Date Collected	: 03/27/25 13:30
Client ID	: MW14	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/08/25 01:00
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N14	Instrument ID	: GONZO
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	10	2.8	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-07D
 Client ID : MW13
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N15
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 14:25
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:24
 Dilution Factor : 10
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	25	7.0	U
75-34-3	1,1-Dichloroethane	ND	25	7.0	U
67-66-3	Chloroform	ND	25	7.0	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
78-87-5	1,2-Dichloropropane	ND	10	1.4	U
124-48-1	Dibromochloromethane	ND	5.0	1.5	U
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U
127-18-4	Tetrachloroethene	3.7	5.0	1.8	J
108-90-7	Chlorobenzene	ND	25	7.0	U
75-69-4	Trichlorofluoromethane	ND	25	7.0	U
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U
75-27-4	Bromodichloromethane	ND	5.0	1.9	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U
563-58-6	1,1-Dichloropropene	ND	25	7.0	U
75-25-2	Bromoform	ND	20	6.5	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U
71-43-2	Benzene	ND	5.0	1.6	U
108-88-3	Toluene	ND	25	7.0	U
100-41-4	Ethylbenzene	ND	25	7.0	U
74-87-3	Chloromethane	ND	25	7.0	U
74-83-9	Bromomethane	ND	25	7.0	UJ
75-01-4	Vinyl chloride	ND	10	0.71	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-07D
 Client ID : MW13
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N15
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 14:25
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:24
 Dilution Factor : 10
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	25	7.0	U
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U
79-01-6	Trichloroethene	ND	5.0	1.8	U
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	1.7	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
1330-20-7	Xylenes, Total	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	ND	25	7.0	U
540-59-0	1,2-Dichloroethene, Total	ND	25	7.0	U
74-95-3	Dibromomethane	ND	50	10.	U
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U
107-13-1	Acrylonitrile	ND	50	15.	U
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U
67-64-1	Acetone	ND	50	15.	UJ
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U
108-05-4	Vinyl acetate	ND	50	10.	U
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-07D
 Client ID : MW13
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N15
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 14:25
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:24
 Dilution Factor : 10
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	25	7.0	U
106-93-4	1,2-Dibromoethane	ND	20	6.5	U
142-28-9	1,3-Dichloropropane	ND	25	7.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U
108-86-1	Bromobenzene	ND	25	7.0	U
104-51-8	n-Butylbenzene	ND	25	7.0	U
135-98-8	sec-Butylbenzene	ND	25	7.0	U
98-06-6	tert-Butylbenzene	ND	25	7.0	U
95-49-8	o-Chlorotoluene	ND	25	7.0	U
106-43-4	p-Chlorotoluene	ND	25	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	UJ
87-68-3	Hexachlorobutadiene	ND	25	7.0	U
98-82-8	Isopropylbenzene	ND	25	7.0	U
99-87-6	p-Isopropyltoluene	ND	25	7.0	U
91-20-3	Naphthalene	ND	25	7.0	U
103-65-1	n-Propylbenzene	ND	25	7.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U
123-91-1	1,4-Dioxane	ND	2500	610	U
105-05-5	p-Diethylbenzene	ND	20	7.0	U
622-96-8	p-Ethyltoluene	ND	20	7.0	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U
60-29-7	Ethyl ether	ND	25	7.0	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-07D	Date Collected	: 03/27/25 14:25
Client ID	: MW13	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/08/25 01:24
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N15	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-08
 Client ID : MW12
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 11:55
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 23:48
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	3.8	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-08
 Client ID : MW12
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 11:55
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 23:48
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.98	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.0	2.5	0.70	J
540-59-0	1,2-Dichloroethene, Total	1.0	2.5	0.70	J
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-08
 Client ID : MW12
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 11:55
 Date Received : 03/27/25
 Date Analyzed : 04/07/25 23:48
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-08	Date Collected	: 03/27/25 11:55
Client ID	: MW12	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/07/25 23:48
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N11	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-09D
 Client ID : DUP001
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N16
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 00:00
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:48
 Dilution Factor : 10
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	25	7.0	U
75-34-3	1,1-Dichloroethane	ND	25	7.0	U
67-66-3	Chloroform	ND	25	7.0	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
78-87-5	1,2-Dichloropropane	ND	10	1.4	U
124-48-1	Dibromochloromethane	ND	5.0	1.5	U
79-00-5	1,1,2-Trichloroethane	ND	15	5.0	U
127-18-4	Tetrachloroethene	ND	5.0	1.8	U
108-90-7	Chlorobenzene	ND	25	7.0	U
75-69-4	Trichlorofluoromethane	ND	25	7.0	U
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-55-6	1,1,1-Trichloroethane	ND	25	7.0	U
75-27-4	Bromodichloromethane	ND	5.0	1.9	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.6	U
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.4	U
542-75-6	1,3-Dichloropropene, Total	ND	5.0	1.4	U
563-58-6	1,1-Dichloropropene	ND	25	7.0	U
75-25-2	Bromoform	ND	20	6.5	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.7	U
71-43-2	Benzene	ND	5.0	1.6	U
108-88-3	Toluene	ND	25	7.0	U
100-41-4	Ethylbenzene	ND	25	7.0	U
74-87-3	Chloromethane	ND	25	7.0	U
74-83-9	Bromomethane	ND	25	7.0	UJ
75-01-4	Vinyl chloride	14	10	0.71	



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-09D
 Client ID : DUP001
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N16
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 00:00
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:48
 Dilution Factor : 10
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	25	7.0	U
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
156-60-5	trans-1,2-Dichloroethene	ND	25	7.0	U
79-01-6	Trichloroethene	ND	5.0	1.8	U
95-50-1	1,2-Dichlorobenzene	ND	25	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	25	7.0	U
106-46-7	1,4-Dichlorobenzene	ND	25	7.0	U
1634-04-4	Methyl tert butyl ether	ND	25	1.7	U
179601-23-1	p/m-Xylene	ND	25	7.0	U
95-47-6	o-Xylene	ND	25	7.0	U
1330-20-7	Xylenes, Total	ND	25	7.0	U
156-59-2	cis-1,2-Dichloroethene	25	25	7.0	
540-59-0	1,2-Dichloroethene, Total	25	25	7.0	
74-95-3	Dibromomethane	ND	50	10.	U
96-18-4	1,2,3-Trichloropropane	ND	25	7.0	U
107-13-1	Acrylonitrile	ND	50	15.	U
100-42-5	Styrene	ND	25	7.0	U
75-71-8	Dichlorodifluoromethane	ND	50	10.	U
67-64-1	Acetone	ND	50	15.	UJ
75-15-0	Carbon disulfide	ND	50	10.	U
78-93-3	2-Butanone	ND	50	19.	U
108-05-4	Vinyl acetate	ND	50	10.	U
108-10-1	4-Methyl-2-pentanone	ND	50	10.	U
591-78-6	2-Hexanone	ND	50	10.	U
74-97-5	Bromochloromethane	ND	25	7.0	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-09D
 Client ID : DUP001
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N16
 Sample Amount : 1 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 00:00
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 01:48
 Dilution Factor : 10
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	25	7.0	U
106-93-4	1,2-Dibromoethane	ND	20	6.5	U
142-28-9	1,3-Dichloropropane	ND	25	7.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	7.0	U
108-86-1	Bromobenzene	ND	25	7.0	U
104-51-8	n-Butylbenzene	ND	25	7.0	U
135-98-8	sec-Butylbenzene	ND	25	7.0	U
98-06-6	tert-Butylbenzene	ND	25	7.0	U
95-49-8	o-Chlorotoluene	ND	25	7.0	U
106-43-4	p-Chlorotoluene	ND	25	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	25	7.0	UJ
87-68-3	Hexachlorobutadiene	ND	25	7.0	U
98-82-8	Isopropylbenzene	ND	25	7.0	U
99-87-6	p-Isopropyltoluene	ND	25	7.0	U
91-20-3	Naphthalene	ND	25	7.0	U
103-65-1	n-Propylbenzene	ND	25	7.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	25	7.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	25	7.0	U
108-67-8	1,3,5-Trimethylbenzene	ND	25	7.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	25	7.0	U
123-91-1	1,4-Dioxane	ND	2500	610	U
105-05-5	p-Diethylbenzene	ND	20	7.0	U
622-96-8	p-Ethyltoluene	ND	20	7.0	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	20	5.4	U
60-29-7	Ethyl ether	ND	25	7.0	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-09D	Date Collected	: 03/27/25 00:00
Client ID	: DUP001	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/08/25 01:48
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N16	Instrument ID	: GONZO
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	25	7.0	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-10
 Client ID : TRIP BLANK
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 00:00
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 00:12
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-10
 Client ID : TRIP BLANK
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 00:00
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 00:12
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client : P. W. Grosser
 Project Name : CIR2501
 Lab ID : L2518413-10
 Client ID : TRIP BLANK
 Sample Location : 3190 CONEY ISLAND
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250407N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2518413
 Project Number : CIR2501
 Date Collected : 03/27/25 00:00
 Date Received : 03/27/25
 Date Analyzed : 04/08/25 00:12
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2518413
Project Name	: CIR2501	Project Number	: CIR2501
Lab ID	: L2518413-10	Date Collected	: 03/27/25 00:00
Client ID	: TRIP BLANK	Date Received	: 03/27/25
Sample Location	: 3190 CONEY ISLAND	Date Analyzed	: 04/08/25 00:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250407N12	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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May 14, 2025

Mr. Michael Pecoraro
P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716

Re: Data Usability Summary Report – Pace Analytical Services – L2522590

Dear Mr. Pecoraro:

The evaluation of analytical data by Pace Analytical Services for the 3140 Coney Island Avenue, Brooklyn, NY site, which were reported in a single data package under Job No. L2522590 has been completed. The following sample was reported.

SV001

Analysis was performed in accordance with EPA Method TO-15 (volatile organics). The review was performed to the extent possible, in accordance with the analytical method, and “DER-10/ Technical Guidance for Site Investigation and Remediation”. Professional judgment is applied as necessary and appropriate. National Functional Guidelines for Organic Data Review may be consulted as needed. Qualifiers consistent with those defined by EPA Region 2 are applied as necessary and appropriate.

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	Yes
2. Have all holding times been met?	Yes
3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?	Yes
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Overall Evaluation

Based on the data review effort, sample results are usable as reported. Sample results are not qualified as a result of the validation effort.

The following components were reviewed, where applicable:

- Chain of Custody
- Receiving conditions
- Holding times
- Preservation
- Analyte lists
- Reporting limits
- Requested methods
- Units, and
- Sample related quality control data:
 - Method, instrument blanks
 - Clean canister certification
 - Field blanks
 - Surrogate recoveries
 - LCS recoveries
 - MS/MSD recoveries
 - Internal standard are response
 - Duplicates
 - Analyte Identification
- Instrument related quality control data:
 - Instrument tunes
 - Calibration summaries

Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package.

Holding Times, Preservation, Sample Integrity:

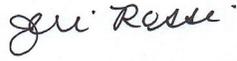
A copy of the applicable chain of custody (COC) record was included in the data package, documenting sample collection date of April 7, 2025. The sample was received at the laboratory on the same day of sample collection. The sample was received intact and analyzed within method holding time.

Qualifier definitions are provided in Attachment A. A copy of the chain of custody record is provided in Attachment B.

L2522590

Please feel free to contact me at (908) 370-3431 or richjerirossi513@gmail.com if you have any questions regarding this data package review report or need further information.

Sincerely,

A handwritten signature in cursive script that reads "Jeri Rossi".

Jeri L Rossi, CEAC
Environmental Consulting Chemist

ATTACHMENT A

Qualifier Definitions

EPA Qualifier Definitions

- U The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- NJ The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
- UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- R The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

ATTACHMENT B

CHAIN OF CUSTODY (COC)

