Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C224157

Site Name Former Brighton Cleaners

Site Address: 3140 Coney Island Ave Zip Code: 11235
City/Town: Brooklyn
County: Kings
Site Acreage: 0.090

Reporting Period: March 18, 2023 to March 18, 2024

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C224157 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
8678-64	3140 Coney Island Realty, LLC	Monitoring Plan O&M Plan IC/EC Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan

- compliance with the Environmental Easement and the approved SMP;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by NYSDOH or county DOH;
- allows the use and development of controlled property for Restricted residential, commercial, and industrial use as defined in Part 375-1.8(g), although land use is subject to local zoning laws.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
8678-64	Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction Groundwater Treatment System

- site cover system
- soil vapor extraction system
- ssds system
- in-situ chemical oxidation (ISCO)

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) 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 is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) 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;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C224157

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 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 Oleg Blinshteyn (print name) at 3140 Coney Island ave, Brooklyn NY 11235 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

4/10/2024
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 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 PAUL K. BOYCE at 630 JOHNSON AVE, SUITE 7 BOHEMIA NY 11716,

print name — print business address

am certifying as a Professional Engineer for the OWNER

(Owner or Remedial Party)

STATE OF NEW YORK
PAUL KENNETH BOYCE
074604
LICENSED PROFESSIONAL ENGINEER

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

4.16.24

Date

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

PERIODIC REVIEW REPORT

March 31, 2023 through March 22, 2024

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
3061 Brighton 6th Street
Brooklyn, NY 11235

PREPARED BY:

P.W. Grosser Consulting , Inc.
630 Johnson Avenue, Suite 7
Bohemia, New York 11716
Phone: (631) 589-6353
Fax: (631) 589-8705
Jennifer Lewis, PG, Senior Project Manager
Paul K. Boyce, PE, PG, President

Email: JenniferL@pwgrosser.com
PaulB@pwgrosser.com

PWGC Project Number: CIR2301

April 2024

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TABLES

CHARTS

APPENDICES

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, Paul Boyce, PE, PG, of 630 Johnson Avenue, Bohemia, NY 11716, am certifying as the Owner's Designated Site Representative for the Site.

PAUL K. BOYCE
Name

074604
PE License Number

Paul Boyce
Signature

04.16.2024
Date

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, 2023 to March 22, 2024.

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.

2.0 O&M PLAN COMPLIANCE

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	Monthly
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 22, 2024 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 22, 2024. Monitoring wells and manhole covers were inspected for integrity. During the March 22, 2024 sampling event, MW-11 continued to be inaccessible. Due to this continued inaccessibility and the fact that historic well sampling data for MW-11 has been near non-detect, MW-11 has been omitted from the sampling plan.

3.1 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.

Excluding the monitoring well in the basement (MW-15), groundwater elevations generally did not differ greatly across the Site. Groundwater elevation data collected indicates a nearly flat groundwater flow gradient across the site.

3.1.1 Groundwater Sampling

During the March 2024 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 reoccurring 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.

3.1.2 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 B**.

In addition to the routine samples, a MS/MSD sample and a blind duplicate sample were collected during each sampling event. Each sample was analyzed for the presence of VOCs by EPA method 8260. The blind duplicate in the March 2024 sampling event was from ML Well1 (15-20').

3.1.3 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-15, MW-17, MLWell1 (15-20'), and MLWell1 (35-40') during this reporting period. During this sampling event, there were AWQS exceedances in MW-12, MW-13, and MW-14. The highest total chlorinated VOC (CVOC) concentrations have consistently been observed in MW-14 ranging between 2,349 µg/L in June 2017 to as low as 165 µg/L in January 2021. MW-14 saw a slight increase in CVOC concentrations, mostly due to an increase in DCE which indicates that contaminants are still breaking down in the groundwater. CVOC concentrations in MW-14 were observed at 357 µg/L as compared to the lowest to date concentration of 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 400,000 µg/L for TVOCs. Excluding MW-14, the highest CVOC concentration observed in any of the other wells during this reporting period was 20.66 µg/L in MW-13. No other well, since routine monitoring began in October 2015, has had a CVOC concentration greater than 500 µg/L. 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 C**.

As shown on **Chart 1**, the CVOCs in each of the monitoring wells (starting with the October 2015 sampling event) clearly illustrate a downward trend of since remediation began. MW-14 had previously shown a slight increase in CVOC concentrations between 2017 and 2019 followed by a significant decrease through 2021 and a slight increase since. Overall, CVOC concentrations have decreased significantly since the removal of the source material and the chemical applicants and now overall show asymptoticly low concentrations or less than AWQSs in each well.

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 D**. 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 D**. As of March 22, 2024, the SVE system has operated for a total of 68,146.7 hours. Following logging of the system parameters, sampling of the SVE system effluent was conducted on March 22, 2024.

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 (120 µg/m^3), TCE (4.7 µg/m^3), and DCE (9.3 µg/m^3). The most recent sampling event shows a slight decrease in concentrations of all three compounds which were 146 µg/m^3, 6.88 µg/m^3, and 13.2 µg/m^3, respectively, at the most recent prior sampling event in March 2023. VC was not detected in this sampling event or in the March 2023 sampling event. Laboratory analytical reports for sampling during this PRR reporting period are included as **Appendix C**.

A total of 35.7751 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 µg/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 E**.

The mass contaminant removal over time is plotted on **Chart 2**. 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.

5.0 DATA USABILITY SUMMARY

Analytical data packages obtained from Alpha for each sampling event were sent to Laboratory Data Consultants, Inc (LDC) of Carlsbad, CA 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

The data validation is currently in progress. A copy of LDC's data usability summary reports during this reporting period will be provided in **Appendix F** once available. **Table 2** will be 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.

7.0 CONCLUSIONS

This Periodic Review Report documents activities performed from March 31, 2023 through March 22 2024 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 22, 2024. Analytical results revealed concentrations in MW-12, MW-13, and MW-14 that have exceeded AWQSs. 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 showed a slight increase from the lowest measured concentrations to date during January 2021, but that increase was mostly due to an increase in DCE which indicates that contaminants are still breaking down.

Sampling of the SVE system effluent was conducted on March 22, 2024. During this reporting period, PCE (120 µg/m^3), TCE (4.7 µg/m^3), and DCE (9.3 µg/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 µg/m^3 in November 2015) and demonstrate that concentrations have reached an asymptotic low. As of March 2024, the system has been operating for 68,146.7 hours and a total of 35.7751 pounds of TVOCs have been successfully removed from the subsurface.

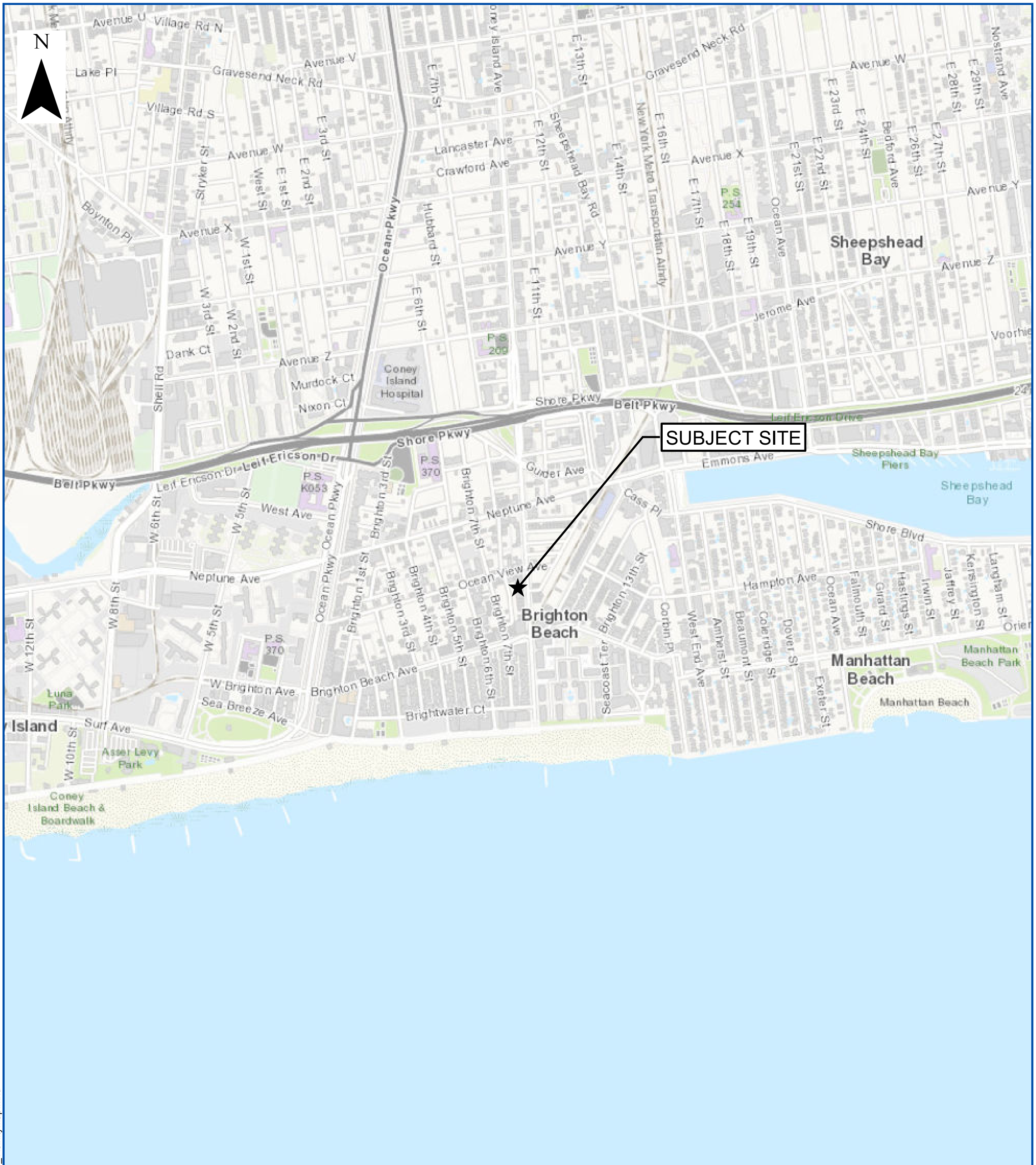
At this time, based on past trends and current sampling data, PWGC offers the following recommendations for the site:

- Continue implementation of the NYSDEC approved SMP, updated on July 17, 2018:
    - Conduct annual SVE monitoring and sampling in March 2025.
    - Conduct annual groundwater monitoring and sampling in March 2025.
    - Collect annual vacuum readings from the vacuum monitoring points in March 2025.
- Perform SVE system maintenance, as necessary, for continued, uninterrupted operation of the system.
- Prepare the Periodic Review Report for the April 2024 to March 2025 period and submit to NYSDEC in April 2025.

8.0 REFERENCES

- 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



SITE LOCATION

3140 CONEY ISLAND AVE
BROOKLYN, NY

0 ¼ ½ ¾ 1 Miles

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
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Project:	CIR2301
Date:	3/30/2023
Designed by:	JLL
Drawn by:	TS
Approved by:	JLL
Figure No:	1

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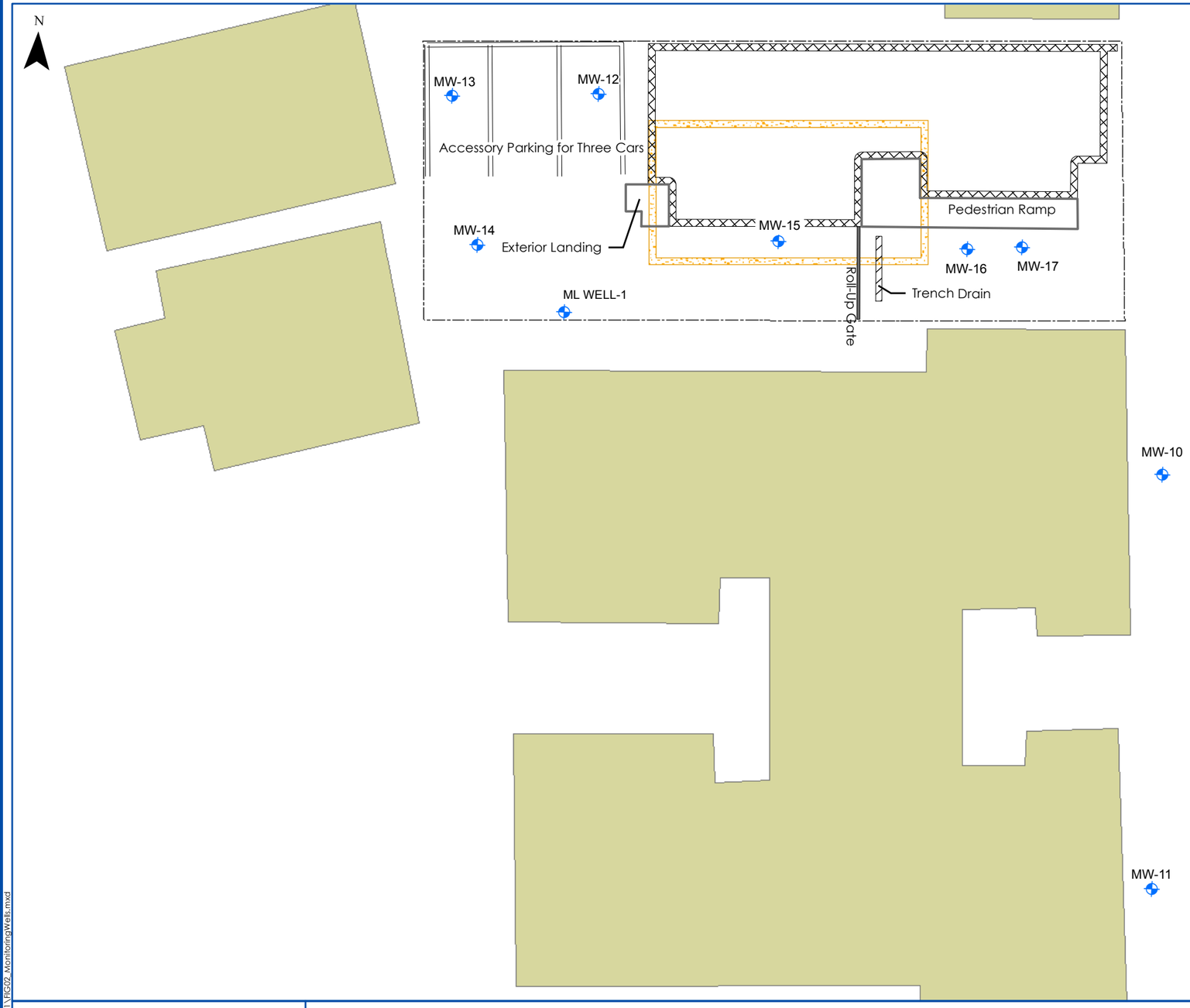

Existing Monitoring Wells

First Floor Exterior Wall
Cellar Footprint
Property Boundary
Adjacent Buildings

MONITORING WELL NETWORK
SITE PLAN

3140 CONEY ISLAND AVENUE
BROOKLYN, NEW YORK

0 20 40 60 80 Feet

PWGC
CLIENT DRIVEN SOLUTIONS
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DRAWING PREPARED FOR:

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&
NEW YORK STATE
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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:

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

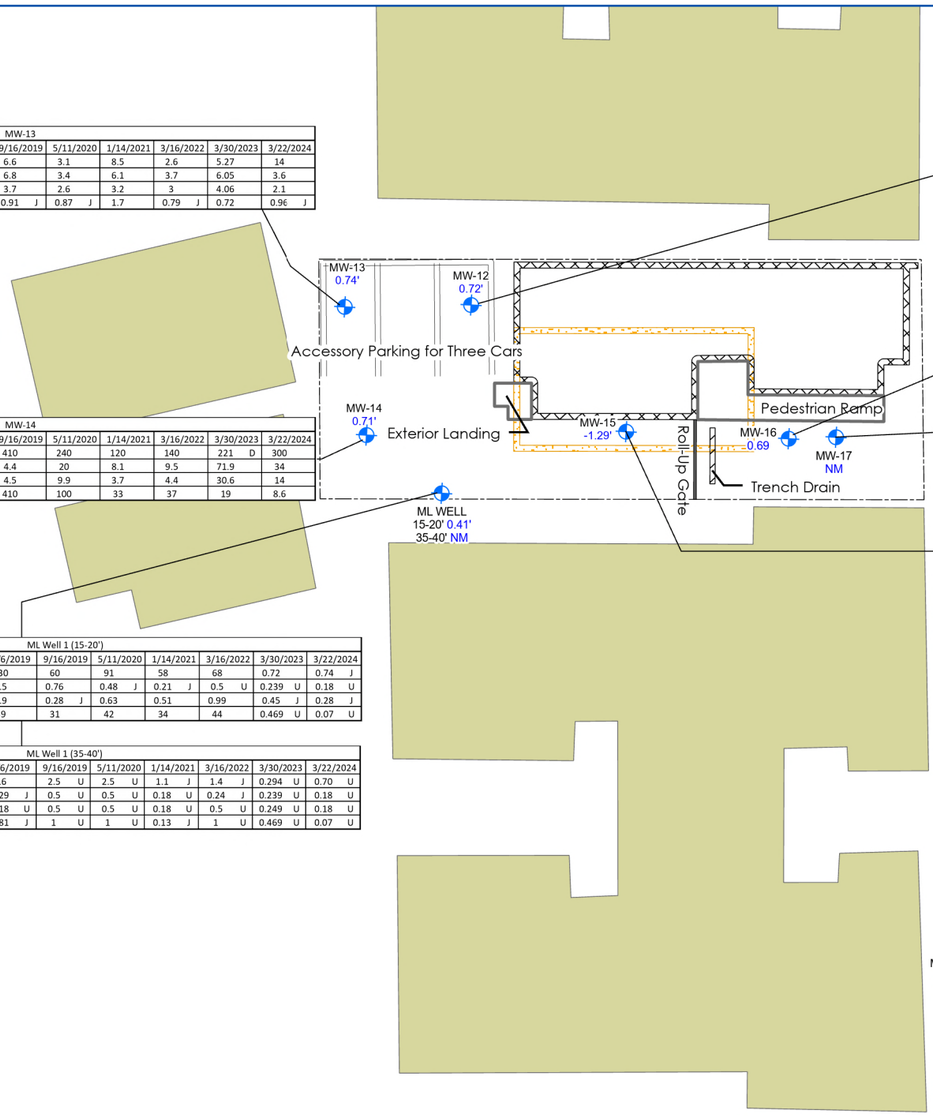
N

Location	MW-13											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	2.7	8.2	9.1	13	2.9	6.6	3.1	8.5	2.6	5.27	14	
PCE	1.4	0.87	17	11	3.5	6.8	3.4	6.1	3.7	6.05	3.6	
TCE	0.64	2.3	1.8 J	3.3	1.6	3.7	2.6	3.2	3	4.06	2.1	
VC	1 U	2.2 J	25	2.4 J	0.97 J	0.91 J	0.87 J	1.7	0.79 J	0.72	0.96 J	

Location	MW-14											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	210	120	250 J	470	540	410	240	120	140	221 D	300	
PCE	28	36	84	33 J	31	4.4	20	8.1	9.5	71.9	34	
TCE	6	10	21	13	11	4.5	9.9	3.7	4.4	30.6	14	
VC	200	67 J	99 J	140 J	110	410	100	33	37	19	8.6	

Location	ML Well 1 (15-20')											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	1.9 J	10	280	45	130	60	91	58	68	0.72	0.74 J	
PCE	0.5 U	0.5 U	0.46 J	0.62	3.5	0.76	0.48 J	0.21 J	0.5 U	0.239 U	0.18 U	
TCE	0.5 U	0.2 J	0.79 J	0.5	2.9	0.28 J	0.63	0.51	0.99	0.45 J	0.28 J	
VC	7.9	30 J	100 J	50	39	31	42	34	44	0.469 U	0.07 U	

Location	ML Well 1 (35-40')											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	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	
PCE	0.56	0.5 U	0.18 U	0.77	0.29 J	0.5 U	0.5 U	0.18 U	0.24 J	0.239 U	0.18 U	
TCE	0.5 U	0.5 U	0.18 U	0.5 U	0.18 U	0.5 U	0.5 U	0.18 U	0.5 U	0.249 U	0.18 U	
VC	1 U	0.08 J	0.07 UJ	1 UJ	0.81 J	1 U	1 U	0.13 J	1 U	0.469 U	0.07 U	



Location	MW-12											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	1.7 J	1.6 J	7.3	1.4 J	0.78 J	3.5	0.85 J	1.4 J	1 J	0.4 J	2.1 J	
PCE	3.6	2.2	19	4.9	1.8	10	2.2	4.9	2	3.05	9.0	
TCE	0.44 J	1.3	2.1 J	0.82	0.58	1.1	0.34 J	0.57	0.87	0.4 J	1.3	
VC	0.83 J	0.42 J	0.69 J	0.44 J	0.16 J	0.11 J	1 U	0.07 U	0.67 J	0.469 U	0.07 U	

Location	MW-16											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	12 U	NC	1.5 J	NC	NC	NC	NC	NC	NC	NC	NC	
PCE	2.5 U	NC	0.27 J	NC	NC	NC	NC	NC	NC	NC	NC	
TCE	1.3 J	NC	0.22 J	NC	NC	NC	NC	NC	NC	NC	NC	
VC	5 U	NC	0.82 J	NC	NC	NC	NC	NC	NC	NC	NC	

Location	MW-17											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	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	
PCE	12	11	1.3	1.6	NC	2.6	1.9	0.95	1.3	0.239 U	0.18 U	
TCE	4	11	1.5	1.3	NC	1.8	0.72	0.47 J	0.81	0.249 U	0.18 U	
VC	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	

Location	MW-15											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	14	11	3.4	10	NC	NC	NC	3	3	0.294 U	0.95 J	
PCE	1.7	1.2	3.4	0.49 J	NC	NC	NC	1.3	1.5	0.239 U	0.29 J	
TCE	2.2	1.4	0.92	3.9	NC	NC	NC	2	1.8	0.249 U	0.88	
VC	1 U	2.7 J	1.1 J	2.7	NC	NC	NC	1	0.92 J	0.469 U	0.30 J	

Location	MW-10											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	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	
PCE	0.21 J	0.5 U	2.4	0.38 J	2.5	0.5 U	2.7	0.46 J	0.5 U	0.49 J	0.61	
TCE	0.5 U	0.5 U	0.49 J	0.49 J	0.64	0.5 U	0.44 J	0.18 U	0.5 U	0.249 U	0.22 J	
VC	0.26 J	0.19 J	0.16 J	0.15 J	0.07 U	0.11 J	1 U	0.19 J	0.3 J	0.469 U	0.12 J	

Location	MW-11											
Sampling Date	9/20/2017	12/13/2017	3/14/2018	9/10/2018	3/6/2019	9/16/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024	
DCE	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC	
PCE	0.22 J	0.5 U	0.38 J	0.5 U	0.28 J	0.5 U	NC	NC	NC	NC	NC	
TCE	0.5 U	0.5 U	0.18 U	0.5 U	0.18 U	0.5 U	NC	NC	NC	NC	NC	
VC	1 U	1 UJ	0.07 U	1 UJ	0.07 U	1 U	NC	NC	NC	NC	NC	

NOTES:
0.71' Groundwater elevation (in feet) based upon arbitrary datum.
Concentrations (in µg/L)
NC - Not collected
U - Non detect
J - Estimated
DCE - cis-1,2-Dichloroethene
PCE - Tetrachloroethene
TCE - Trichloroethene
VC - Vinyl Chloride

Existing Monitoring Well

First Floor Exterior Wall
Cellar Footprint
Property Boundary
Adjacent Buildings

MONITORING WELL NETWORK - 2024

3140 CONEY ISLAND AVENUE
BROOKLYN, NEW YORK

0 30 60 90 120 Feet

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting, Inc.
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
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DRAWING PREPARED FOR:

3140 CONEY ISLAND REALTY, LLC
3061 BRIGHTON 6TH STREET
BROOKLYN, NEW YORK 11235
&
NEW YORK STATE
DEPT. OF ENVIRONMENTAL CONSERVATION
REGION 2
47-40 21ST STREET
LONG ISLAND CITY, NEW YORK 11101-5407

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	CIR2301	Designed by:	IW
Date:	4/15/2024	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	JLL

FIGURE NO:

3

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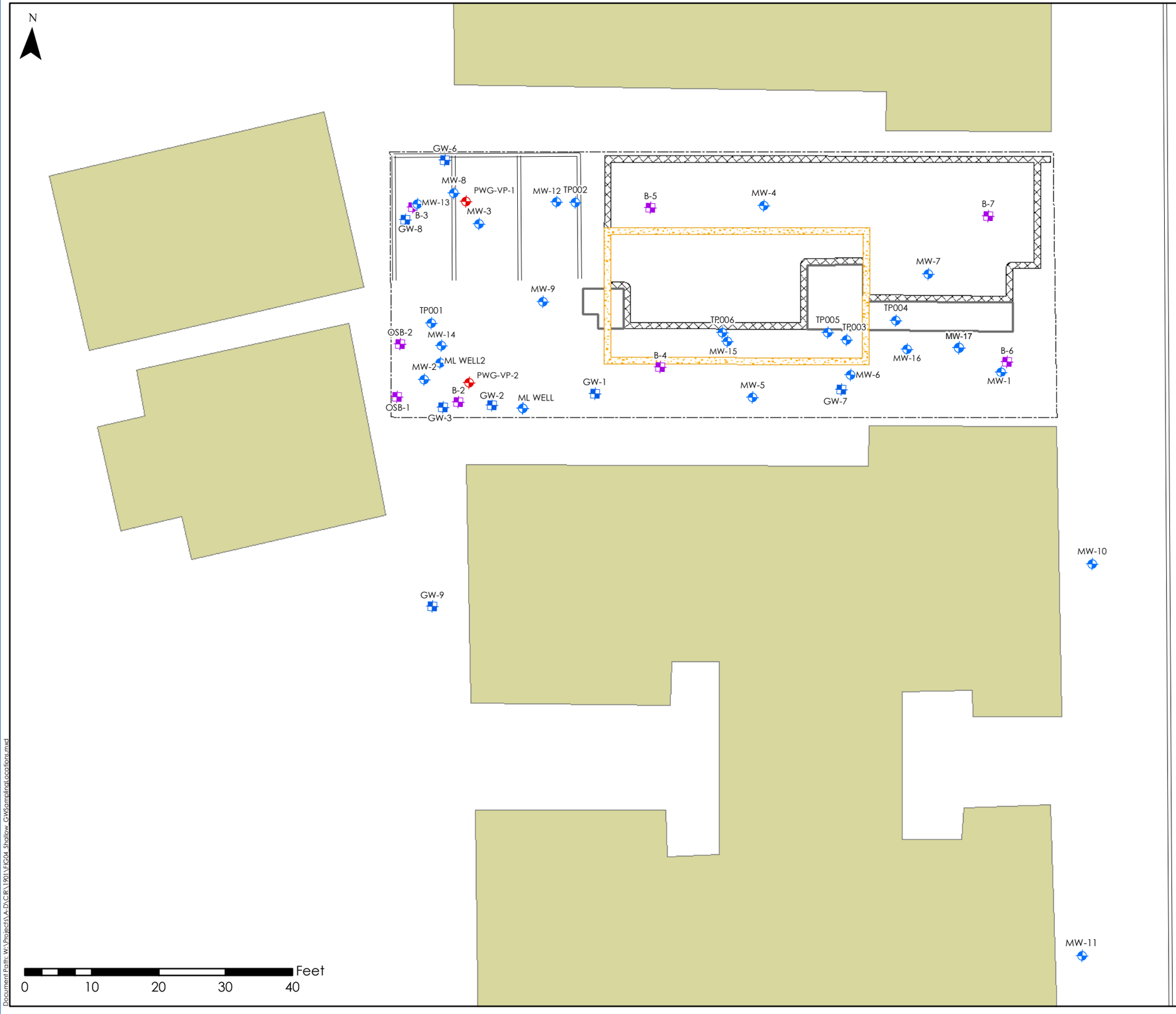

CONEY ISLAND AVENUE

Existing Monitoring Well
Vertical Profile
Groundwater
Soil and Groundwater
Curbline
CellarFootprint
First Floor Exterior Wall
Exterior landing
Pedestrian ramp
Adjacent Buildings
Property Boundary

PWGC
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P.W. Grosser Consulting Engineer & Hydrogeologist, PC
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SHALLOW GROUNDWATER SAMPLE LOCATIONS

3140 CONEY ISLAND AVENUE
BROOKLYN, NEW YORK

DRAWING PREPARED FOR:

3140 CONEY ISLAND REALTY, LLC
172 JAFFREY STREET
BROOKLYN, NEW YORK 11235
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NEW YORK STATE
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REGION 2
47-40 21ST STREET
LONG ISLAND CITY, NEW YORK 11101-5407

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

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

FIGURE NO:

4

SHEET:

Document Path: W:\Project\1-A-D\CIR\1901\F\04-Shallow GWSampleLocations.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

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

March 2023
Monitoring Well Analytical Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID: Laboratory ID: Sampling Date:	NYSDEC [1] Ambient Water Quality Standards	MW-10 L2415955-01 3/22/2024	MW-11 3/22/2024	MW-12 L2415955-10 3/22/2024	MW-13 L2415955-07 3/22/2024	MW-14 L2415955-05 3/22/2024	MW-15 L2415955-06 3/22/2024	MW-16 3/22/2024	MW-17 L2415955-04 3/22/2024	MLWell1 (15-20') L2415955-02 3/22/2024	MLWell1 (35-40') L2415955-03 3/22/2024	DUP001 L2415955-08 3/22/2024
Volatile Organic Compounds in µg/L												
1,1,1,2-Tetrachloroethane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,1,1-Trichloroethane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,1,2,2-Tetrachloroethane	5	0.17 U	-	0.17 U	0.17 U	0.42 U	0.17 U	-	0.17 U	0.17 U	0.17 U	0.17 U
1,1,2-Trichloroethane	1	0.50 U	-	0.50 U	0.50 U	1.2 U	0.50 U	-	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,1-Dichloroethene	5	0.17 U	-	0.17 U	0.17 U	0.42 U	0.17 U	-	0.17 U	0.17 U	0.17 U	0.17 U
1,1-Dichloropropene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,2,3-Trichlorobenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,2,3-Trichloropropane	0.04	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,2,4,5-Tetramethylbenzene	5	0.54 U	-	0.54 U	0.54 U	1.4 U	1.2 J	-	0.54 U	0.54 U	0.54 U	0.54 U
1,2,4-Trichlorobenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,2,4-Trimethylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,2-Dibromo-3-chloropropane	0.04	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,2-Dibromoethane	0.0006	0.65 U	-	0.65 U	0.65 U	1.6 U	0.65 U	-	0.65 U	0.65 U	0.65 U	0.65 U
1,2-Dichlorobenzene	3	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,2-Dichloroethane	0.6	0.13 U	-	0.13 U	0.13 U	0.33 U	0.13 U	-	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloropropane	1	0.14 U	-	0.14 U	0.14 U	0.34 U	0.14 U	-	0.14 U	0.14 U	0.14 U	0.14 U
1,3,5-Trimethylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,3-Dichlorobenzene	3	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,3-Dichloropropane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,4-Dichlorobenzene	3	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,4-Dioxane	NS	61 U	-	61 U	61 U	150 U	61 U	-	61 U	61 U	61 U	61 U
2,2-Dichloropropane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.7 U
2-Butanone	50	1.9 U	-	1.9 U	1.9 U	4.8 U	1.9 U	-	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1.0 U	-	1.0 U	1.0 U	2.5 U	1.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	NS	1.0 U	-	1.0 U	1.0 U	2.5 U	1.0 U	-	1.0 U	1.00 U	1.0 U	1.0 U
Acetone	50	1.5 U	-	1.5 U	1.5 U	3.6 U	1.5 U	-	1.5 U	1.5 U	1.5 U	1.5 U
Acrolein			-					-				
Acrylonitrile	5	1.5 U	-	1.5 U	1.5 U	3.8 U	1.5 U	-	1.5 U	1.5 U	1.5 U	1.5 U
Benzene	1	0.16 U	-	0.16 U	0.58	0.40 U	0.16 U	-	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Bromochloromethane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Bromodichloromethane	50	0.19 U	-	0.19 U	0.19 U	0.48 U	0.19 U	-	0.19 U	0.19 U	0.19 U	0.19 U
Bromoform	50	0.65 U	-	0.65 U	0.65 U	1.6 U	0.65 U	-	0.65 U	0.65 U	0.65 U	0.65 U
Bromomethane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Carbon disulfide	60	1.0 U	-	1.0 U	1.0 U	2.5 U	1.00 U	-	1.0 U	1.00 U	1.000 U	1.0 U
Carbon tetrachloride	5	0.13 U	-	0.13 U	0.13 U	0.34 U	0.13 U	-	0.13 U	0.13 U	0.13 U	0.13 U
Chlorobenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Chloroform	7	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Chloromethane	NS	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
cis-1,2-Dichloroethene (DCE)	5	0.70 U	-	2.1 J	14	300	0.95 J	-	0.70 U	0.74 J	0.70 U	0.73 J
cis-1,3-Dichloropropene	0.4	0.14 U	-	0.14 U	0.14 U	0.36 U	0.14 U	-	0.14 U	0.14 U	0.14 U	0.14 U
Cyclohexane			-					-				
Dibromochloromethane	50	0.15 U	-	0.15 U	0.15 U	0.37 U	0.15 U	-	0.15 U	0.15 U	0.15 U	0.15 U
Dibromomethane	5	1.0 U	-	1.0 U	1.00 U	2.5 U	1.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	5	1.0 U	-	1.0 U	1.0 U	2.5 U	1.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl ether	NS	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Ethylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Hexachlorobutadiene	0.5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Isopropylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Methyl tert butyl ether	10	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Methylene chloride	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Methylcyclohexane			-					-				
n-Butylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
n-Propylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Naphthalene	10	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
o-Chlorotoluene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
o-Xylene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
p-Chlorotoluene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
1,4-Diethylbenzene	NS	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
4-Ethyltoluene	NS	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
p-Isopropyltoluene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
p/m-Xylene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
sec-Butylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
Styrene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.70 U	0.70 U	0.70 U
tert-Butyl alcohol (TBA)			-					-				
tert-Butylbenzene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.7 U	0.7 U	0.70 U
Tetrachloroethene (PCE)	5	0.61	-	9.0	3.6	34	0.29 J	-	0.18 U	0.18 U	0.18 U	0.21 J
Toluene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.7 U	0.7 U	0.70 U
trans-1,2-Dichloroethene	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.7 U	0.7 U	0.70 U
trans-1,3-Dichloropropene	0.4	0.16 U	-	0.16 U	0.16 U	0.41 U	0.16 U	-	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,4-Dichloro-2-butene	5	0.70 U	-	0.70 U	0.7 U	1.8 U	0.70 U	-	0.70 U	0.7 U	0.7 U	0.70 U
Trichloroethene (TCE)	5	0.22 J	-	1.3	2.1	14	0.88	-	0.18 U	0.28 J	0.18 U	0.29 J
Trichlorofluoromethane	5	0.70 U	-	0.70 U	0.70 U	1.8 U	0.70 U	-	0.70 U	0.7 U	0.7 U	0.7 U
Vinyl acetate	NS	1.0 U	-	1.0 U	1.0 U	2.5 U	1.0 U	-	1.0 U	1 U	1 U	1.0 U
Vinyl chloride (VC)	2	0.12 J	-	0.07 U	0.96 J	8.6	0.30 J	-	0.07 U	0.07 U	0.07 U	0.07 U
Total VOCs:		1.0	NC	12.4	21.2	356.6	3.6	NC	0.0	1.0	0.0	1.2
Total Chlorinated VOCs: ***		0.95	NC	12.4	20.66	356.6	2.42	NC	0	1.02	0	1.23

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 assocaited numerical value is the sample quantitation limit.
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

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		B-2		B-3		B-4		B-5		B-6		B-7		GW-1				GW-2				GW-3			
Depth:	NYSDEC [1] Ambient Water Quality Standards	9-13'		9-13'		9-13'		9-13'		9-13'		9-13'		10-14'		21-25'		33-37'		48-52'		10-14'		21-25'		33-37'		48-52'	
Sampling Date:		9/28/2007		9/28/2007		9/28/2007		9/28/2007		9/28/2007		9/28/2007		1/13/2010		1/13/2010		1/13/2010		1/13/2010		1/13/2010		1/13/2010		1/13/2010		1/13/2010	
Laboratory ID:		-		-		-		-		-		-		-		-		-		-		-		-		-		-	
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		NA		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	1	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		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	
1,1-Dichloropropene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	0.04	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		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	
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	ND		ND		ND		ND		ND		ND		ND		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	
1,2-Dibromo-3-chloropropane	0.04	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	0.0006	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	3	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	0.6	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NS	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene	1	6		21		9		25	U	5	U	5	U	ND		ND		ND		ND		27		ND		ND		ND	
1,3-Dichlorobenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,3-Dichloropropane	3	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dioxane	3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NS	5	U	NA	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone	5	10	U	10	U	10	U	50	U	10	U	10	U	NA		NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	50	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-pentanone	NS	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Acetone	50	50	U	50	U	50	U	250	U	50	U	50	U	NA		NA		NA		NA		NA		NA		NA		NA	
Acrylonitrile	5	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		ND		ND		ND		ND		ND		0.98	J	ND	
Bromobenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Bromochloromethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	50	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Bromoform	50	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Bromomethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Carbon disulfide	60	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Carbon tetrachloride	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chlorobenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chloroethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chloroform	7	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Chloromethane	NS	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		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	
cis-1,3-Dichloropropene	0.4	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	50	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Dibromomethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Ethyl ether	NS	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	5	5		15		5	U	25	U	5	U	5	U	16	J	ND		ND		ND		5.9		ND		ND		ND	
Hexachlorobutadiene	0.5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
Isopropylbenzene	5	5	U	11		5	U	25	U	5	U	5	U	11	J	ND		ND		ND		5.7		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		ND		ND		ND	
Methylene chloride	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
n-Butylbenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	24		ND		ND		ND		5.8		ND		ND		ND	
n-Propylbenzene	5	5	U	16		5	U	25	U	5	U	5	U	25		ND		ND		ND		13		ND		ND		ND	
Naphthalene	10	6		36		21		25	U	5	U	5	U	21		ND		ND		ND		2.2	C	ND		ND		ND	
o-Chlorotoluene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	5	U	7		5	U	25	U	5	U	5	U	ND		ND		ND		ND		1.6		ND		ND		ND	
p-Chlorotoluene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
p-Diethylbenzene	NS	NA		NA		NA		NA		NA		NA		80		ND		ND		ND		29		0.6	J	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	
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	
p/m-Xylene	5	10	U	29		10	U	50	U	10	U	10	U	ND		ND		ND		ND		4.3		ND		ND		ND		ND	
sec-Butylbenzene	5	5	U	6		5	U	25	U	5	U	5	U	23		ND		ND		ND		7.6		ND		ND		1.1		ND		ND	
Styrene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene	5	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		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		ND		ND		ND		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	
trans-1,3-Dichloropropene	0.4	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
trans-1,4-Dichloro-2-butene	5	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		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl acetate	NS	5	U	5	U	5	U	25	U	5	U	5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride VC	2	2,080		382		46		63		18		5	U	ND		ND		0.65	J	ND		160		ND		ND		ND		290		280		ND		ND	
Total VOCs	NS	16,637		1,395		235		631		89		31		936		2		2		2		22,485		94		56		21		1,452		2,045		12		42	
Total CVOCs	NS	16,602		1,177		168		631		89		31		40		1		2		2		22,230		92		56		18		1,422		2,030		12		41	

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
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 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 quantitation limit.
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

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		GW-4				GW-5				GW-6				GW-7				GW-8			
Depth:	NYSDEC (1) Ambient Water Quality Standards	10-14'	21-25'	33-37'	48-52'	10-14'	21-25'	33-37'	48-52'	10-14'	21-25'	33-37'	48-52'	10-14'	21-25'	33-37'	48-52'	10-14'	21-25'	33-37'	48-52'
Sampling Date:		1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010	1/14/2010
Laboratory ID:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds in µg/L																					
1,1,1,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetramethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.0006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	1	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	17	ND	ND	ND
1,3-Dichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	160	1.9	2	2
cis-1,3-Dichloropropene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl ether	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	0.74 J	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	1.8	ND	ND	ND
Methyl tert butyl ether	10	11	11	21	350	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	0.91 J	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	4.4	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	0.83 J	9.3	ND	ND	ND
o-Chlorotoluene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	0.68 J	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND
p-Chlorotoluene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Diethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	8.8	1.5	ND	0.6 J	ND	ND	ND	ND	23	ND	ND	ND
p-Ethyltoluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	7.7	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	6.4	ND	ND	ND
p/m-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.2	0.85 J	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene (PCE)	5	1.9	1.4	1.4	2.7	ND	0.91 J	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.3	ND	ND	ND
trans-1,3-Dichloropropene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA
Trichloroethene (TCE)	5	ND	ND	ND	ND	ND	ND	ND	ND	1.7	2.1	ND	0.59 J	ND	ND	ND	ND	3.8	ND	ND	ND
Trichlorofluoromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride VC	2	ND	ND	ND	ND	ND	ND	ND	ND	3.7	350	8.5	ND	ND	ND	ND	ND	9.2	ND	ND	ND
Total VOCs	NS	13	12	22	354	26	1	0	0	149	639	17	19	1	0	1	2	339	4	3	4
Total CVOCs	NS	2	1	1	4	0	1	0	0	30	623	17	15	1	0	1	1	181	3	3	3

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abo
E - Concentration of analyte exceeds the range of the calibr
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

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

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abo
E - Concentration of analyte exceeds the range of the calibr
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		PWG-VP-01										PWG-VP-02									
Depth:	NYSDEC (1) Ambient Water Quality Standards	10-12'	20-22'	30-32'	40-42'	50-52'	60-62'	70-72'	80-82'	90-92'	100-102'	10-12'	20-22'	30-32'	40-42'	50-52'	60-62'	70-72'	80-82'	90-92'	100-102'
Sampling Date:		7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/6/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012	7/9/2012
Laboratory ID:		L1212340-14	L1212340-15	L1212340-16	L1212340-17	L1212340-18	L1212340-19	L1212340-20	L1212340-21	L1212340-22	L1212340-23	L1212340-01	L1212340-04	L1212340-06	L1212340-07	L1212340-08	L1212340-09	L1212340-10	L1212340-11	L1212340-12	L1212340-13
Volatile Organic Compounds in µg/L																					
1,1,1,2-Tetrachloroethane	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,1,1-Trichloroethane	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,1,2,2-Tetrachloroethane	5	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	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 U
1,1,2-Trichloroethane	1	6 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	1.5 U	1.5 U	1.5 U	1.5 U	3 U
1,1-Dichloroethane	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,1-Dichloroethene	5	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	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 U
1,1-Dichloropropene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,2,3-Trichlorobenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,2,3-Trichloropropane	0.04	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,2,4,5-Tetramethylbenzene	NS	4.5 J	0.12 J	0.32 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5	2 U	0.15 J	2 U	2 U	0.12 J	0.19 J	0.33 J	0.17 J	1.15 J
1,2,4-Trichlorobenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,2,4-Trimethylbenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	0.11 J	2.5 U	2.5 U	2.5 U	2.5 U	0.8 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	5 U
1,2-Dibromo-3-chloropropane	0.04	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,2-Dibromoethane	0.0006	8 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	2 U	2 U	2 U	2 U	4 U
1,2-Dichlorobenzene	3	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,2-Dichloroethane	0.6	2 U	0.5 U	0.62	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	0.5 U	0.5 U	1 U
1,2-Dichloropropane	NS	4 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	1 U	1 U	1 U	1 U	2 U
1,3,5-Trimethylbenzene	1	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.73 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	5 U
1,3-Dichlorobenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,3-Dichloropropane	3	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,4-Dichlorobenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
1,4-Dioxane	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NS	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
2-Butanone	5	20 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	5 U	5 U	5 U	5 U	10 U
2-Hexanone	50	20 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	5 U	5 U	5 U	5 U	10 U
4-Methyl-2-pentanone	NS	20 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	5 U	5 U	5 U	5 U	10 U
Acetone	50	20 U	1.3 J	1.92 J	2.03 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.59 J	5 U	5 U	5 U	5 U	1.55 J	1.89 J	10 U
Acrylonitrile	5	20 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	5 U	5 U	5 U	5 U	10 U
Benzene	1	1.8 J	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	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Bromobenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Bromochloromethane	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Bromodichloromethane	50	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	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 U
Bromoform	50	8 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	2 U	2 U	2 U	2 U	4 U
Bromomethane	5	10 U	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	5 J
Carbon disulfide	60	1.81 J	0.52 J	0.36 J	0.42 J	0.41 J	5 U	5 U	5 U	5 U	5 U	0.87 J	0.38 J	0.35 J	5 U	0.3 J	5 U	5 U	5 U	5 U	10 U
Carbon tetrachloride	5	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	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 U
Chlorobenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Chloroethane	5	10 U	2.5 U	1.9 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	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Chloroform	7	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Chloromethane	NS	10 U	2.5 J	2.5 J	2.5 J	2.5 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 J	2.5 U	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	5 U
cis-1,2-Dichloroethene (DCE)	5	1,100	0.7 J	6.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.11 J	0.19 J	74 J	2.5 U	2.6	2.5 U	0.34 J	0.42 J	0.45 J	1.4 J	0.99 J	7.7
cis-1,3-Dichloropropene	0.4	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	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 U
Dibromochloromethane	50	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	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 U
Dibromomethane	5	20 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	5 U	5 U	5 U	5 U	10 U
Dichlorodifluoromethane	5	20 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	5 U	5 U	5 U	5 U	10 U
Ethyl ether	NS	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Ethylbenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	0.17 J	0.1 J	2.5 U	2.5 U	2.5 U	0.34 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	5 U
Hexachlorobutadiene	0.5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Isopropylbenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Methyl tert butyl ether	10	10 U	2.5 U	2.5 U	0.81 J	0.47 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	1.8 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Methylene chloride	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.92 J
n-Butylbenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
n-Propylbenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Naphthalene	10	10 U	0.35 J	2.5 U	2.5 U	2.5 U	1 J	0.31 J	0.19 J	2.5 U	2.5 U	2.5 U	2.5 U	0.47 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
o-Chlorotoluene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
o-Xylene	5	1.11 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	2.5 U	0.52 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	5 U
p-Chlorotoluene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
p-Diethylbenzene	NS	0.97 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.84 J	2 U	0.26 J	2 U	2 U	0.12 J	2 U	0.31 J	0.18 J	1.26 J
p-Ethyltoluene	NS	0.47 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.39 J	2 U	0.12 J	2 U	2 U	2 U	2 U	2 U	2 U	4 U
p-Isopropyltoluene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
p/m-Xylene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	0.12 J	0.16 J	0.13 J	0.11 J	0.1 J	0.53 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	5 U
sec-Butylbenzene	5	10 U	2.5 U	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	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Styrene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
tert-Butylbenzene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Tetrachloroethene (PCE)	5	4.4	0.55	0.5 U	0.5 U	0.5 U	0.56	0.17 J	0.12 J	0.8	1.3	84	0.53	100	16 J	36 J	21	15	62 J	41	230
Toluene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.14 J	0.14 J	0.16 J	0.19 J	0.34 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	5 U
trans-1,2-Dichloroethene	5	4.8 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	2.5 U	8.1 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	5 U
trans-1,3-Dichloropropene	0.4	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	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 U
trans-1,4-Dichloro-2-butene	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	2.5 J	5 J
Trichloroethene (TCE)	5	1.3 J	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	6.2	0.5 U	8.7	0.92	1.6	1.1	1	3.1	2.4	15
Trichlorofluoromethane	5	10 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Vinyl acetate	NS	20 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	5 U	5 U	5 U	5 U	10 U
Vinyl chloride VC	2	580	1.5	300	0.52 J	1 U	1 U	1 U	1 U	1 U	1 U	610	0.42 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Total VOCs	NS	1,701	10	317	9	6	4	3	3	4	4	793	4	122	24	46	30	24	76	54	266
Total CVOCs	NS	1,686	3	307	1	0	1	0	0	1	1	774	1	111	17	38	23	16	67	44	253

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abo
E - Concentration of analyte exceeds the range of the calibr
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		TP-001		TP-002		TP-003		TP-004		TP-005		TP-006		MLWell2						MW-1		MW-2		MW-3		MW-4				MW-5				MW-6		MW-7				MW-8		MW-9	
Depth:		-		-		-		-		-		-		15-20'		35-40'		55-60'		75-80'		95-100'		115-120'		-		-		-		-		-		-		-		-		-	
Sampling Date:	NYSDEC (1) Ambient Water Quality Standards	10/7/2014		10/9/2014		10/9/2014		10/9/2014		5/11/2015		5/11/2015		9/30/2013		9/30/2013		9/30/2013		9/30/2013		9/30/2013		9/30/2013		7/19/2012		7/19/2012		7/19/2012		9/30/2013		7/19/2012		7/19/2012		9/30/2013		9/30/2013		9/30/2013		9/30/2013	
Laboratory ID:		L1423615-04		L1423615-05		L1424055-01		L1424055-02		L1510117-01		L1510117-02		L1319520-12		L1319520-13		L1319520-14		L1319520-15		L1319520-16		L1319520-17		L1212940-01		L1212940-02		L1212940-03		L1212940-04		L1319520-01		L1212940-05		L1319520-02		L1212940-06		L1212940-07		L1319520-03		L1319520-04		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	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	8.3		2		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	0.0006	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	0.79		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		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	0.34		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	6.1		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	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
Ethyl ether	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
Ethylbenzene	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	0.79		250	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	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
Isopropylbenzene	5	35	U	1.8	U	0.7	U	180	U	0.7	U	2.8		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	0.8	J
Methyl tert butyl ether	10	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
Methylene chloride	5	35	U	1.8	U	0.7	U	180	U	1.2	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	2.3	J	10	U	2.5	U	2.5	U	2.5	U	250	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	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
n-Propylbenzene	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	0.71	J
Naphthalene	10	35	U	1.8	U	29		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	7.3	
o-Chlorotoluene	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
o-Xylene	5	35	U	1.8	U	0.96	J	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
p-Chlorotoluene	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
p-Diethylbenzene	NS	35	U	1.8	U	0.82	J	180	U	0.7	U	1.2	J	20	U	2	U	2	U	2	U	2	U	2	U	100	U	2,000	U	40	U	5	U	8	U	1.3	J	2	U	2	U	200	U	2	U	2	U	1.5	J
p-Ethyltoluene	NS	35	U	1.8	U	0.7	U	180	U	0.7	U	0.7	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
p-Isopropyltoluene	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
p/m-Xylene	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
sec-Butylbenzene	5	35	U	1.8	U	1.3	J	180	U	0.7	U	0.94	J	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	0.75	J
Styrene	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
tert-Butylbenzene	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
Tetrachloroethene (PCE)	5	9	U	36		0.29	J	73	J	12		4.5		5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	700		340,000	E	410		120		54		3.8		7		1.9		1,400		54		0.5	U	20	
Toluene	5	35	U	1.8	U	0.7	U	180	U	0.7	U	0.7	U	16	J	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
trans-1,2-Dichloroethene	5	35	U	1.8	U	0.7	U	180	U	1.5	J	1.6	J	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
trans-1,3-Dichloropropene	0.4	8	U	0.41	U	0.16	U	41	U	0.16	U	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	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	0.7	U	0.7	U	0.7	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.7	U	2.5	U	2.5	U	2.5	U	10	U	2.5	U	2.5	U	120	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene (TCE)	5	3		0.5	U	0.5	U	0.18	U	0.18	U	0.47	J	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.32	J	0.25	J	0.56		0.19	J	0.5	U	1.6		5		3.1		6.4		220		1.6		17		0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	0.7	U	0.7	U	0.7	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.7	U	2.5	U	2.5	U	2.5	U	10	U	2.5	U	2.5	U	120	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	NS	5	U	5	U	5	U	1	U	1	U	1	U	50	U	5	U	5	U	5	U	5	U	5	U	1	U	5	U	5	U	5	U	20	U	5	U	5	U	250	U	5	U	5	U	5	U	5	U
Vinyl chloride VC	2	140		0.08	J	1	U	0.17	J	0.07	U	12		420		52		1	U	0.77	J	1.4		1	U	50		0.3	J	1	U	14		31		140		5.2		240		7.7		16		14		58	
Total VOCs	NS	4,043		177		180		16,120		99		75		1,256		127		0		3		17		9		3,451		366,400		1,280		212		300		180		44		472		6,609		155		16		202	
Total CVOCs	NS	4,043		176		140		16,073		83		54		1,240		125		0		3		17		6		3,451		365,000		1,280		210		300		170		39		466		6,609		154		16		178	

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 t
U - The analyte was analyzed for, but was not detected abov
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MW-10																				
Depth:	NYSDEC [1] Ambient Water Quality Standards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Date:		10/7/2014	10/2/2015	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
Laboratory ID:		L1423615-02	L1524907-01	L1609110-01	L1619370-01	L1629516-01	L1639729-02	L1706520-02	L1718024-09	L1733661-09	L1746240-01	L1808694-01	L1835036-01	L1908838-06	L1942467-01	L2019409-01	L2102213-01	L2214084-01	23C1840-08	L2415955-01
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
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
1,1,2,2-Tetrachloroethane	5	0.1 U	0.14 U	0.14 U	0.5 U	0.17 U	0.5 UJ	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
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	1.5 UJ	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
1,1-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
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
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
1,2,3-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.222 U	0.70 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
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
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
1,2,4-Trimethylbenzene	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
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 UJ	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
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
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
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
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 UJ	1 U	0.14 U	1 U	1 U	0.14 U	1 U	0.327 U	0.14 U
1,3,5-Trimethylbenzene	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
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
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
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
1,4-Dioxane	3	NA	NA	41 U	250 U	61 U	250 UJ	250 UJ	250 U	250 UJ	250 UJ	61 UJ	250 UJ	61 UJ	250 U	250 U	61 U	250 U	35.3 U	61 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 UJ	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-Butanone	5	1.9 U	1.9 U	1.9 U	5 U	1.9 U	5 U	5 UJ	5 U	5 U	5 UJ	1.9 UJ	5 U	1.9 U	5 U	5 U	1.9 U	5 U	0.421 U	1.9 U
2-Hexanone	50	1.0 U	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 U	5 U	5 UJ	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.32 U	1.0 U
4-Methyl-2-pentanone	NS	1.0 U	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 U	5 UJ	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.365 U	1.0 U
Acetone	50	1.5 U	1.5 U	1.5 U	5 U	1.5 U	5 UJ	5 U	5 UJ	1.5 J	5 UJ	1.5 UJ	3.2 J	5 UJ	5 U	1.8 J	7.5	5 U	1.34 U	1.5 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 UJ	1.5 UJ	5 U	1.5 U	5 U	5 U	1.5 U	5 U	0.422 U	1.5 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
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
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
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
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
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 UJ	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.119 U	0.70 U
Carbon disulfide	60	1.0 U	1 U	1 U	5 U	1 U	5 U	5 UJ	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
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 UJ	0.5 UJ	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.204 U	0.13 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
Chloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 UJ	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
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
Chloromethane	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 UJ	2.5 U	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.372 U	0.70 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
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
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
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
Dichlorodifluoromethane	5	1.0 U	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 U	5 UJ	5 U	1 U	5 UJ	1 UJ	5 U	5 U	1 U	5 U	0.451 U	1.0 U
Ethyl ether	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 U	2.5 U	2.5 UJ	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
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
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 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.241 U	0.70 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
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 UJ	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
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
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	2.5 U	0.7 U	2.5 U	0.399 U	0.70 U
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	2.5 U	0.7 U	2.5 U	0.384 U	0.70 U
Naphthalene	10	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	1.3 J	2.5 U	2.5 U	2.5 U	2.5 U	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.212 U	0.70 U
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	2.5 U	0.7 U	2.5 U	NA	0.70 U
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	2.5 U	0.7 U	2.5 U	0.261 U	0.70 U
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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U
p-Diethylbenzene	NS	0.7 U	0.7 U	0.7 U	2 U	0.7 U	2 U	2 U	2 U	2 U	2 U	0.7 U	2 U	0.7 U	2 U	2 U	0.7 U	2 U	0.341 U	0.70 U
p-Ethyltoluene	NS	0.7 U	0.7 U	0.7 U	2 U	0.7 U	2 U	2 U	2 U	2 U	2 U	0.7 U	2 U	0.7 U	2 U	2 U	0.7 U	2 U	0.2 U	0.70 U
p-Isopropyltoluene	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	0.377 U	0.70 U
p/m-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	2.5 U	0.7 U	2.5 U	0.578 U	0.70 U
sec-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 UJ	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.444 U	0.70 U
Styrene	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	0.255 U	0.70 U
tert-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	2.5 U	0.7 U	2.5 U	0.367 U	0.70 U
Tetrachloroethene (PCE)	5	0.2 U	0.18 U	0.47 J	0.59	0.18 U	0.5 U	0.5 U	4.9	0.21 J	0.5 U	2.4	0.38 J	2.5	0.5 U	2.7	0.46 J	0.5 U	0.49 J	0.61
Toluene	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	0.346 U	0.70 U
trans-1,2-Dichloroethene	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	0.279 U	0.70 U
trans-1,3-Dichloropropene	0.4	0.2 U	0.16 U	0.16 U	0.5 U	0.16 U	0.5 UJ	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	0.229 U	0.16 U
trans-1,4-Dichloro-2-butene	5	2.5 UJ	14 UJ	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	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
Trichloroethene (TCE)	5	0.43 J	77 J	0.46 J	0.19 J	0.18 U	0.59	0.39 J	1	0.5 U	0.5 U	0.49 J	0.49 J	0.64	0.5 U	0.44 J	0.18 U	0.5 U	0.249 U	0.22 J
Trichlorofluoromethane	5	2.5 U	14 UJ	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	0.337 U	0.70 U
Vinyl acetate	NS	5 U	20 UJ	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 UJ	1 U	5 UJ	1 U	5 U	5 U	1 U	5 U	NA	1.0 U
Vinyl chloride VC	2	32 J	360 J	0.6 J	0.3 J	0.17 J	0.48 J	0.78 J	1 U	0.26 J	0.19 J	0.16 J	0.15 J	0.07 U	0.11 J	1 U	0.19 J	0.3 J	0.469 U	0.12 J
Total VOCs	NS	32	437	1.53	1	1	2	1	6	2	0	3	4	3	0	5	8	0.3	0.49	1.0
Total CVOCs	NS	32	437	2	1	0	1	1	6	0	0	3	1	3	0	3	1	0.3	0.49	0.95

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abov
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MW-11																				
Depth:	NYSDEC [1] Ambient Water Quality Standards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Date:		10/9/2014	10/2/2015	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
Laboratory ID:		L1423615-03	L1524907-02	L1609110-02	L1619370-02	L1629516-02	L1639729-09	L1706520-01	L1718024-08	L1733661-08	L1746240-02	L1808694-02	L1835036-02	L1908838-07	L1942467-02	NA	NA	NA	NA	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
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
1,1,2,2-Tetrachloroethane	5	0.14 U	0.14 U	0.14 U	0.5 U	0.17 U	0.5 UJ	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
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	1.5 UJ	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
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
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
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
1,2,3-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	0.7 UJ	2.5 U	0.7 U	2.5 U	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
1,2,4,5-Tetramethylbenzene	NS	0.65 U	0.65 U	0.65 U	2 U	0.54 U	2 U	2 UJ	2 U	2 U	2 U	0.54 U	2 U	0.54 U	2 U	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
1,2,4-Trimethylbenzene	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
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 UJ	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
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
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
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
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 UJ	1 U	0.14 U	1 U	NC	NC	NC	NC	NC
1,3,5-Trimethylbenzene	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
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
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
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
1,4-Dioxane	3	NA	NA	41 U	250 U	61 U	250 UJ	250 UJ	250 U	250 UJ	250 UJ	61 UJ	250 UJ	61 UJ	250 U	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 UJ	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	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 UJ	5 U	5 U	5 UJ	1.9 UJ	5 U	1.9 U	5 U	NC	NC	NC	NC	NC
2-Hexanone	50	1 U	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 U	5 U	5 UJ	1 U	5 U	1 U	5 U	NC	NC	NC	NC	NC
4-Methyl-2-pentanone	NS	1 U	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 U	5 UJ	5 U	1 U	5 U	1 U	5 U	NC	NC	NC	NC	NC
Acetone	50	1.5 U	1.5 U	1.5 U	5 U	1.5 U	5 UJ	5 U	5 UJ	4.4 J	5 UJ	1.5 UJ	1.8 J	18 J	5 U	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 UJ	1.5 UJ	5 U	1.5 U	5 U	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
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
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
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
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
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 UJ	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC
Carbon disulfide	60	1 U	1 U	1 U	5 U	1 U	5 U	5 UJ	5 U	5 UJ	5 U	1 U	5 U	1 U	5 U	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 UJ	0.5 UJ	0.13 U	0.5 U	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
Chloroethane	5	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 UJ	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
Chloroform	7	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	1.2 J	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC
Chloromethane	NS	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 UJ	2.5 U	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	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
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
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
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
Dichlorodifluoromethane	5	1 U	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 U	5 UJ	5 U	1 U	5 UJ	1 UJ	5 U	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 UJ	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
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
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 UJ	2.5 U	0.7 U	2.5 U	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
Methyl tert butyl ether	10	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	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
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
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
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
Naphthalene	10	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	0.7 UJ	2.5 U	0.7 U	2.5 U	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
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
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	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC
p-Diethylbenzene	NS	0.7 U	0.7 U	0.7 U	2 U	0.7 U	2 U	2 U	2 U	2 U	2 U	0.7 U	2 U	0.7 U	2 U	NC	NC	NC	NC	NC
p-Ethyltoluene	NS	0.7 U	0.7 U	0.7 U	2 U	0.7 U	2 U	2 U	2 U	2 U	2 U	0.7 U	2 U	0.7 U	2 U	NC	NC	NC	NC	NC
p-Isopropyltoluene	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
p/m-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
sec-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 UJ	2.5 UJ	0.7 U	2.5 U	NC	NC	NC	NC	NC
Styrene	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
tert-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
Tetrachloroethene (PCE)	5	0.18 U	0.18 U	0.18 U	0.42 J	0.18 U	0.39 J	0.5 U	0.59	0.22 J	0.5 U	0.38 J	0.5 U	0.28 J	0.5 U	NC	NC	NC	NC	NC
Toluene	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
trans-1,2-Dichloroethene	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
trans-1,3-Dichloropropene	0.4	0.16 U	0.16 U	0.16 U	0.5 U	0.16 U	0.5 UJ	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
trans-1,4-Dichloro-2-butene	5	2.5 U	1.8 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	0.7 U	2.5 U	0.7 U	2.5 U	NC	NC	NC	NC	NC
Trichloroethene (TCE)	5	0.33 J	2.8	0.18 U	0.5 U	0.18 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.18 U	0.5 U	0.18 U	0.5 U	NC	NC	NC	NC	NC
Trichlorofluoromethane	5	2.5 U	1.8 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
Vinyl acetate	NS	5 U	2.5 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 UJ	1 U	5 UJ	1 U	5 U	NC	NC	NC	NC	NC
Vinyl chloride VC	2	0.12 J	6.5	0.07 U	1 U	0.07 U	1 U	1 UJ	1 U	1 U	1 UJ	0.07 U	1 UJ	0.07 U	1 U	NC	NC	NC	NC	NC
Total VOCs	NS	0	9	0	0	0	0	0	2	5	0	0	2	18	0	NC	NC	NC	NC	NC
Total CVOCs	NS	0	9	0	0	0	0	0	1	0	0	0	0	0	0	NC	NC	NC	NC	NC

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abov
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MW-12																			
Depth:	NYSDEC (1) Ambient Water Quality Standards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Date:		10/2/2015	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
Laboratory ID:		L1524907-03	L1609110-03	L1619370-03	L1629516-03	L1639729-03	L1706520-03	L1718024-04	L1733661-03	L1746240-03	L1808694-03	L1835036-03	L1908838-08	L1942467-03	L2019409-02	L2102213-02	L2214084-02	23C1840-04	L2415955-10
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	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
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	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
1,1,2,2-Tetrachloroethane	5	0.14 U	0.14 U	0.5 U	0.17 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.17 U	0.5 U	0.14 U	0.5 U	0.5 U	0.17 U	0.5 U	0.256 U	0.17 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	1.5 U	0.5 U	1.5 UJ	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
1,1-Dichloroethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 UJ	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
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	0.17 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
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	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
1,2,3-Trichlorobenzene	5	0.7 UJ	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 U	2.5 UJ	2.5 U	2.5 U	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.222 U	0.70 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	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
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	0.54 U	2 U	0.54 U	2 U	2 U	0.54 U	2 U	NA	0.54 U
1,2,4-Trichlorobenzene	5	0.7 UJ	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
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	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
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 UJ	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
1,2-Dibromoethane	0.0006	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
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	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
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	0.13 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
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	0.14 UJ	1 U	0.14 U	1 U	1 U	0.14 U	1 U	0.327 U	0.14 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	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
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	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
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	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
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	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
1,4-Dioxane	3	NA	41 U	250 U	61 U	250 UJ	250 UJ	250 UJ	250 UJ	250 UJ	61 UJ	250 UJ	61 UJ	250 U	250 U	61 U	250 U	35.3 U	61 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 UJ	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-Butanone	5	1.9 U	1.9 U	5 U	1.9 U	5 U	5 UJ	5 U	5 UJ	5 U	1.9 UJ	5 U	1.9 U	5 U	5 U	1.9 U	5 U	0.421 U	1.9 U
2-Hexanone	50	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 U	5 U	5 UJ	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.32 U	1.0 U
4-Methyl-2-pentanone	NS	1 U	1 U	5 U	1 U	5 UJ	5 UJ	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
Acetone	50	1.5 U	1.5 U	5 U	1.5 U	5 UJ	5 U	5 U	3.9 J	5 UJ	1.5 UJ	3.4 J	5 UJ	5 U	5 U	1.5 U	5 U	1.34 U	1.5 U
Acrylonitrile	5	1.5 U	1.5 U	5 U	1.5 U	5 U	5 U	5 U	5 U	5 UJ	1.5 UJ	5 U	1.5 U	5 U	5 U	1.5 U	5 U	0.422 U	1.5 U
Benzene	1	0.16 U	0.16 U	0.5 U	0.16 J	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
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	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
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	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
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	0.245 U	0.19 U
Bromoform	50	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
Bromomethane	5	0.7 UJ	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.119 U	0.70 U
Carbon disulfide	60	1 U	1 U	5 U	1 U	5 U	5 UJ	5 U	5 U	5 UJ	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.362 U	1.0 U
Carbon tetrachloride	5	0.13 U	0.13 U	0.5 U	0.13 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.13 UJ	0.5 UJ	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.204 U	0.13 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	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
Chloroethane	5	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 UJ	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
Chloroform	7	0.7 U	0.7 U	2.5 U	0.7 U	1.7 J	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
Chloromethane	NS	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.372 U	0.70 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	0.4 J	2.1 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	0.262 U	0.14 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	0.146 U	0.15 U
Dibromomethane	5	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
Dichlorodifluoromethane	5	1 U	1 U	5 U	1 U	5 UJ	5 UJ	5 UJ	5 UJ	5 U	1 U	5 UJ	1 UJ	5 U	5 U	1 U	5 U	0.451 U	1.0 U
Ethyl ether	NS	0.7 U	0.7 U	2.5 U	0.7 U	2.5 UJ	2.5 U	2.5 UJ	2.5 UJ	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
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 UJ	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
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	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.241 U	0.70 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	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
Methyl tert butyl ether	10	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 UJ	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
Methylene chloride	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	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
n-Butylbenzene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.399 U	0.70 U
n-Propylbenzene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.384 U	0.70 U
Naphthalene	10	0.7 UJ	0.7 U	2.5 U	0.96 J	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.212 U	0.70 U
o-Chlorotoluene	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	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
o-Xylene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.261 U	0.70 U
p-Chlorotoluene	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	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
p-Diethylbenzene	NS	0.7 U	0.7 U	2 U	0.7 U	2 U	2 U	2 U	2 U	2 U	0.7 U	2 U	0.7 U	2 U	2 U	0.7 U	2 U	0.341 U	0.70 U
p-Ethyltoluene	NS	0.7 U	0.7 U	2 U	0.7 U	2 U	2 U	2 U	2 U	2 U	0.7 U	2 U	0.7 U	2 U	2 U	0.7 U	2 U	0.2 U	0.70 U
p-Isopropyltoluene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.377 U	0.70 U
p/m-Xylene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.578 U	0.70 U
sec-Butylbenzene	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	0.7 UJ	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.444 U	0.70 U
Styrene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.255 U	0.70 U
tert-Butylbenzene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.367 U	0.70 U
Tetrachloroethene (PCE)	5	10	0.37 J	5.5	0.41 J	2.1	2.3	26	3.6	2.2	19	4.9	1.8	10	2.2	4.9	2	3.05	9.0
Toluene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.346 U	0.70 U
trans-1,2-Dichloroethene	5	1.1 J	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	0.279 U	0.70 U
trans-1,3-Dichloropropene	0.4	0.16 U	0.16 U	0.5 U	0.16 U	0.5 UJ	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	0.229 U	0.16 U
trans-1,4-Dichloro-2-butene	5	7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	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
Trichloroethene (TCE)	5	1.8 U	0.64	1.6	0.47 J	1.6	0.57	3.3	0.44 J	1.3	2.1 J	0.82	0.58	1.1	0.34 J	0.57	0.87	0.4 J	1.3
Trichlorofluoromethane	5	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	0.337 U	0.70 U
Vinyl acetate	NS	10 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	1 U	5 UJ	1 U	5 U	5 U	1 U	5 U	NA	1.0 U
Vinyl chloride VC	2	7.7 J	13	14	12	1.6	1.8 J	1.3	0.83 J	0.42 J	0.69 J	0.44 J	0.16 J	0.11 J	1 U	0.07 U	0.67 J	0.469 U	0.07 U
Total VOCs	NS	51	29	39	20	28	6	51	15	6	29	11	3	15	3	7	4	3.85	12.4
Total CVOCs	NS	49	29	39	18	26	6	51	7	6	29	8	3	15	3	7	4	3.85	12.4

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abo
E - Concentration of analyte exceeds the range of the calibr
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MW-13																			
Depth:	NYSDEC (1) Ambient Water Quality Standards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Date:		10/2/2015	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
Laboratory ID:		L1524907-04	L1609110-04	L1619370-04	L1629516-04	L1639729-04	L1706520-04	L1718024-03	L1733661-02	L1746240-04	L1808694-04	L1835036-04	L1908838-09	L1942467-04	L2019409-03	L2102213-03	L2214084-03	23C1840-01	L2415955-07
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	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
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	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
1,1,2,2-Tetrachloroethane	5	0.36 U	0.14 U	0.5 U	0.33 U	0.5 UJ	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
1,1,2-Trichloroethane	1	1.2 U	0.5 U	1.5 U	1 U	1.5 UJ	1.4 J	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
1,1-Dichloroethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 UJ	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
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	0.17 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
1,1-Dichloropropene	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	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
1,2,3-Trichlorobenzene	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 UJ	2.5 U	2.5 UJ	2.5 U	2.5 U	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.222 U	0.70 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	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
1,2,4,5-Tetramethylbenzene	NS	1.6 U	1.3 J	1.7 J	18	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
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	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
1,2,4-Trimethylbenzene	5	1.8 U	3.9	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	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.31 U	0.70 U
1,2-Dibromo-3-chloropropane	0.04	1.8 U	0.7 U	2.5 U	1.4 U	2.5 UJ	2.5 UJ	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
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	0.65 U	2 U	0.65 U	2 U	2 U	0.65 U	2 U	0.215 U	0.65 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	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
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	0.13 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
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	0.14 UJ	1 U	0.14 U	1 U	1 U	0.14 U	1 U	0.327 U	0.14 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	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
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	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
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	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
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	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
1,4-Dioxane	3	NA	41 U	250 U	120 U	250 UJ	250 UJ	250 UJ	250 UJ	250 UJ	61 UJ	250 UJ	61 UJ	250 U	250 U	61 U	250 U	35.3 U	61 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 UJ	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-Butanone	5	4.8 U	1.9 U	5 U	3.9 U	5 U	5 UJ	5 U	5 UJ	5 UJ	1.9 UJ	5 U	1.9 U	5 U	5 U	1.9 U	5 U	0.421 U	1.9 U
2-Hexanone	50	2.5 U	1 U	5 U	2 U	5 UJ	5 UJ	5 U	5 U	5 UJ	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.32 U	1.0 U
4-Methyl-2-pentanone	NS	2.5 U	1 U	5 U	2 U	5 UJ	5 UJ	5 U	5 J	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.365 U	1.0 U
Acetone	50	6.6 J	1.9 J	5 U	2.9 U	5 UJ	5 U	5 U	5 U	5 UJ	3.5 J	3.2 J	5 UJ	5 U	5 U	1.5 U	5 U	1.34 U	1.5 U
Acrylonitrile	5	3.8 U	1.5 U	5 U	3 U	5 U	5 U	5 U	5 U	5 UJ	1.5 UJ	5 U	1.5 U	5 U	5 U	1.5 U	5 U	0.422 U	1.5 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
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	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
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	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
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	0.19 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
Bromoform	50	1.6 U	0.65 U	2 U	1.3 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
Bromomethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.119 U	0.70 U
Carbon disulfide	60	2.5 U	1 U	5 U	2 U	5 U	5 UJ	5 U	1.9 J	5 U	1 U	5 U	1 U	5 U	5 U	1 U	5 U	0.362 U	1.0 U
Carbon tetrachloride	5	0.34 U	0.13 U	0.5 U	0.27 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.13 UJ	0.5 UJ	0.13 U	0.5 U	0.5 U	0.13 U	0.5 U	0.204 U	0.13 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	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
Chloroethane	5	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 UJ	2.5 U	2.5 U	2.5 U	0.7 U	2.5 U	0.7 U	2.5 U	1.4 J	0.7 U	2.5 U	0.448 U	0.70 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	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
Chloromethane	NS	1.8 U	0.7 U	2.5 U	1.4 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.372 U	0.70 U
cis-1,2-Dichloroethene (DCE)	5	150	72	96	30	15	18	26	2.7	8.2	9.1	13	2.9	6.6	3.1	8.5	2.6	5.27	14
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	0.14 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
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	0.15 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
Dibromomethane	5	2.5 U	1 U	5 U	2 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	1.00 U
Dichlorodifluoromethane	5	2.5 U	1 U	5 U	2 U	5 UJ	5 UJ	5 UJ	5 UJ	5 U	1 U	5 UJ	1 UJ	5 U	5 U	1 U	5 U	0.451 U	1.0 U
Ethyl ether	NS	1.8 U	0.7 U	2.5 U	1.4 U	2.5 UJ	2.5 U	2.5 UJ	2.5 UJ	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
Ethylbenzene	5	1.8 U	1.7 J	1.6 J	4.3 J	1.9 J	2 J	1.6 J	1.4 J	1.8 J	1.3 J	1.2 J	1.2 J	2.5 U	2.5 U	0.7 U	2.5 U	0.29 U	0.70 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	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.241 U	0.70 U
Isopropylbenzene	5	1.8 U	1.8 J	1.2 J	5.5	1.5 J	1.2 J	1.3 J	2 J	1.3 J	0.87 J	0.85 J	0.74 J	2.5 U	0.9 J	1.4 J	2.5 U	0.405 U	0.70 U
Methyl tert butyl ether	10	1.8 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 UJ	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
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	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
n-Butylbenzene	5	1.8 U	0.7 U	2.5 U	3.7 J	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	0.8 J	2.5 U	0.399 U	0.70 U
n-Propylbenzene	5	1.8 U	0.76 J	2.5 U	2.7 J	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	0.384 U	0.70 U
Naphthalene	10	1.8 U	0.82 J	2.5 U	2.7 J	1.7 J	2.5 U	2.5 U	2.5 U	0.73 J	0.7 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.212 U	0.70 U
o-Chlorotoluene	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	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
o-Xylene	5	1.8 U	3.7	4.4	5.6	2.2 J	1.4 J	1.8 J	2.5 U	2.5 U	2.9	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.261 U	0.70 U
p-Chlorotoluene	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	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
p-Diethylbenzene	NS	1.8 U	2.8	2 U	4.6	1.2 J	2 U	2 U	5.9	2 U	0.7 U	2 U	0.7 U	2 U	2 U	0.88 J	2 U	0.341 U	0.70 U
p-Ethyltoluene	NS	1.8 U	1.1 J	2 U	3.8 J	2 U	2 U	2 U	2 U	2 U	0.7 U	2 U	0.7 U	2 U	2 U	0.7 U	2 U	0.2 U	0.70 U
p-Isopropyltoluene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.377 U	0.70 U
p/m-Xylene	5	1.8 U	1.2 J	1 J	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.74 J	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.578 U	0.70 U
sec-Butylbenzene	5	1.8 U	0.99 J	2.5 U	3.9 J	1.1 J	2.5 U	1.2 J	1.7 J	0.78 J	0.7 UJ	2.5 UJ	0.7 U	2.5 U	2.5 U	1.9 J	2.5 U	0.444 U	0.70 U
Styrene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.255 U	0.70 U
tert-Butylbenzene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.367 U	0.70 U
Tetrachloroethene (PCE)	5	86	8.1	7.2	7.5	6	3.5	17	1.4	0.87	17	11	3.5	6.8	3.4	6.1	3.7	6.05	3.6
Toluene	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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.346 U	0.70 U
trans-1,2-Dichloroethene	5	2.8 J	2.3 J	3.2	2.6 J	1.7 J	2 J	2 J	2.5 U	2.5 U	2.3 J	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.31 J	0.70 U
trans-1,3-Dichloropropene	0.4	0.41 U	0.16 U	0.5 U	0.33 U	0.5 UJ	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	0.229 U	0.16 U
trans-1,4-Dichloro-2-butene	5	0.7 U	0.7 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.7 U
Trichloroethene (TCE)	5	0.32 J	2.2	3.1	3	2.9	2.4	3.2	0.64	2.3	1.8 J	3.3	1.6	3.7	2.6	3.2	3	4.06	2.1
Trichlorofluoromethane	5	0.7 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	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.337 U	0.70 U
Vinyl acetate	NS	1 U	1 U	5 U	2 U	5 U	5 U	5 U	5 U	5 UJ	1 U	5 UJ	1 U	5 U	5 U	1 U	5 U	NA	1.0 U
Vinyl chloride VC	2	140	98	140	39	18	66 J	61	1 U	2.2 J	25	2.4 J	0.97 J	0.91 J	0.87 J	1.7	0.79 J	0.72	0.96 J
Total VOCs	NS	386	205	261	140	58	101	120	24	21	68	37	12	19	14	33	12	16.93	21.2
Total CVOCs	NS	376	180	246	80	42	90	107	5	14	53	30	9	18	10	20	10	16.1	20.66

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abo
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:	NYSDEC [1]	MW-14																			
Depth:	Ambient Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Date:	Quality Standards	10/2/2015	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
Laboratory ID:		L1524907-05	L1609110-05	L1619370-05	L1629516-05	L1639729-05	L1706520-05	L1718024-02	L1733661-01	L1746240-05	L1808694-05	L1835036-05	L1908838-10	L1942467-05	L2019409-04	L2102213-04	L2214084-04	23C1840-02	L2415955-05
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
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
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
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
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
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
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	1.8 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
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
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	1.4 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
1,2,4-Trimethylbenzene	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
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
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
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
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
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
1,3,5-Trimethylbenzene	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
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
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
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
1,4-Dioxane	3	NA	41 U	12,000 U	1,200 UJ	2,500 UJ	2,500 UJ	5000 UJ	500 UJ	250 UJ	150 UJ	1,000 UJ	300 UJ	1200 U	500 U	61 U	250 U	35.3 U	150 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	1.8 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
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
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
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
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
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
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	1.8 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
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
Bromoform	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
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
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
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
Chlorobenzene	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	0.284 U	1.8 U
Chloroethane	5	18 U	0.7 U	120 U	14 U	25 U	25 UJ	50 UJ	2.4 J	2.5 U	1.8 UJ	10 U	3.5 U	12 U	5 U	0.7 U	2.5 U	0.448 U	1.8 U
Chloroform	7	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	0.243 U	1.8 U
Chloromethane	NS	18 U	0.7 U	120 U	14 UJ	25 UJ	25 UJ	50 U	5 UJ	2.5 UJ	1.8 U	10 UJ	3.5 U	12 U	5 U	0.7 U	2.5 U	0.372 U	1.8 U
cis-1,2-Dichloroethene (DCE)	5	1,800	1,900 E	2,800	1,600 J	660	660	1,800	210	120	250 J	470	540	410	240	120	140	221 D	300
cis-1,3-Dichloropropene	0.4	3.6 U	0.14 U	25 U	2.9 UJ	5 U	5 U	10 U	1 U	0.5 U	0.36 U	2 U	0.72 U	2.5 U	1 U	0.14 U	0.5 U	0.262 U	0.36 U
Dibromochloromethane	50	3.7 U	0.15 U	25 U	3 UJ	5 U	5 U	10 U	1 UJ	0.5 U	0.37 U	2 U	0.74 U	2.5 U	1 U	0.15 U	0.5 U	0.146 U	0.37 U
Dibromomethane	5	25 U	1 U	250 U	20 UJ	50 U	50 U	100 U	10 U	5 U	2.5 U	20 U	5 U	25 U	10 U	1 U	5 U	0.203 U	2.5 U
Dichlorodifluoromethane	5	25 U	1 U	250 U	20 UJ	50 UJ	50 UJ	100 UJ	10 U	5 U	2.5 U	20 UJ	5 UJ	25 U	10 U	1 U	5 U	0.451 U	2.5 U
Ethyl ether	NS	18 U	0.7 U	120 U	14 UJ	25 UJ	25 U	50 UJ	5 UJ	2.5 U	1.8 U	10 U	3.5 U	12 U	5 U	0.7 U	2.5 U	NA	1.8 U
Ethylbenzene	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	0.29 U	1.8 U
Hexachlorobutadiene	0.5	18 U	0.7 U	120 U	14 UJ	25 U	25 U	50 U	5 U	2.5 U	1.8 UJ	10 UJ	3.5 U	12 U	5 U	0.7 U	2.5 U	0.241 U	1.8 U
Isopropylbenzene	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	0.405 U	1.8 U
Methyl tert butyl ether	10	18 U	0.7 U	120 U	14 UJ	25 U	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	0.244 U	1.8 U
Methylene chloride	5	18 U	0.7 U	120 U	14 UJ	25 U	7 J	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	0.397 U	1.8 U
n-Butylbenzene	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 UJ	3.5 U	12 U	5 U	0.7 U	2.5 U	0.399 U	1.8 U
n-Propylbenzene	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	0.384 U	1.8 U
Naphthalene	10	18 U	0.7 U	120 U	14 UJ	25 UJ	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	0.212 U	1.8 U
o-Chlorotoluene	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	1.8 U
o-Xylene	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	0.261 U	1.8 U
p-Chlorotoluene	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	1.8 U
p-Diethylbenzene	NS	18 U	0.7 U	100 U	14 UJ	20 U	20 U	40 U	4 U	2 U	1.8 U	8 UJ	3.5 U	10 U	4 U	0.7 U	2 U	0.341 U	1.8 U
p-Ethyltoluene	NS	18 U	0.7 U	100 U	14 UJ	20 U	20 U	40 U	4 U	2 U	1.8 U	8 UJ	3.5 U	10 U	4 U	0.7 U	2 U	0.2 U	1.8 U
p-Isopropyltoluene	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	0.377 U	1.8 U
p/m-Xylene	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	0.578 U	1.8 U
sec-Butylbenzene	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 UJ	3.5 U	12 U	5 U	1.5 J	2.5 U	0.444 U	1.8 U
Styrene	5	18 U	0.7 U	120 U	14 UJ	25 U	25 U	50 U	5 U	2.5 U	1.8 UJ	10 U	3.5 U	12 U	5 U	0.7 U	2.5 U	0.255 U	1.8 U
tert-Butylbenzene	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 UJ	3.5 U	12 U	5 U	0.7 U	2.5 U	0.367 U	1.8 U
Tetrachloroethene (PCE)	5	760	150	200	140 J	78	39	200	28	36	84	33 J	31	4.5	20	8.1	9.5	71.9	34
Toluene	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	0.346 U	1.8 U
trans-1,2-Dichloroethene	5	18 U	60	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	1.18	1.8 U
trans-1,3-Dichloropropene	0.4	4.1 U	0.16 U	25 U	3.3 UJ	5 UJ	5 U	10 U	1 U	0.5 U	0.41 U	2 U	0.82 U	2.5 U	1 U	0.16 U	0.5 U	0.229 U	0.41 U
trans-1,4-Dichloro-2-butene	5	0.7 U	0.7 U	120 U	14 UJ	25 U	25 U	50 U	5 UJ	2.5 UJ	1.8 U	10 UJ	3.5 U	12 U	5 U	0.7 U	2.5 U	NA	1.8 U
Trichloroethene (TCE)	5	0.25 J	56	220	77 J	17	11	99	6	10	21	13	11	4.5	9.9	3.7	4.4	30.6	14
Trichlorofluoromethane	5	0.7 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	0.337 U	1.8 U
Vinyl acetate	NS	1 U	1 U	250 U	20 UJ	50 U	50 U	100 U	10 UJ	5 UJ	3 U	20 UJ	5 U	25 U	10 U	1 U	5 U	NA	2.5 U
Vinyl chloride VC	2	1.2	0.07 U	240	360 J	130	300 J	250	200	67 J	99 J	140 J	110	410	100	33	37	19	8.6
Total VOCs	NS	2,625	2,168	3,460	2,195	885	1,017	2,356	459	233	455	657	693	831	370	166	191	344	357
Total CVOCs	NS	2,561	2,106	3,460	2,177	885	1,010	2,349	444	233	454	656	692	829	370	165	191	343	357

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abov
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:	NYSDEC (1) Ambient Water Quality Standards	MW-15																																			
Depth:		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-			
Sampling Date:		10/2/2015		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	
Laboratory ID:		L1524907-06		L1609110-06		L1619370-06		L1629516-06		L1639729-08		L1706520-08		L1718024-01		L1733661-06		L1746240-06		L1808694-06		L1835036-06		NC		NC		NC		L2102213-05		L2214082-05		23C1840-07		L2415955-06	
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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.216	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.266	U	0.70	U
1,1,2,2-Tetrachloroethane	5	0.36	U	0.14	U	0.5	U	0.42	U	1	UJ	0.5	U	1	U	0.5	U	1	U	0.17	U	0.5	U	NC		NC		NC		0.17	U	0.5	U	0.256	U	0.17	U
1,1,2-Trichloroethane	1	5.6		0.5	U	1.5	U	1.2	U	3	UJ	1.5	U	3	U	1.5	U	3	U	0.5	U	1.5	U	NC		NC		NC		0.5	U	1.5	U	0.249	U	0.50	U
1,1-Dichloroethane	5	1.8	U	0.7	U	2.5	U	1.8	U	5	U	2.5	U	5	UJ	2.5	U	5	U	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.272	U	0.70	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	0.17	U	0.5	U	NC		NC		NC		0.17	U	0.5	U	0.327	U	0.17	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	NA		0.70	U
1,2,3-Trichlorobenzene	5	1.8	U	0.7	U	2.5	U	1.8	U	5	UJ	2.5	U	5	UJ	2.5	U	5	U	0.7	U	2.5	UJ	NC		NC		NC		0.7	U	2.5	U	0.25	J	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.273	U	0.70	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		NC		0.54	U	2	U	NA		1.2	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.138	U	0.70	U
1,2,4-Trimethylbenzene	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.31	U	0.70	U
1,2-Dibromo-3-chloropropane	0.04	1.8	U	0.7	U	2.5	U	1.8	U	5	UJ	2.5	UJ	5	U	2.5	U	5	U	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.432	U	0.70	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		NC		0.65	U	2	U	0.215	U	0.65	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.27	U	0.70	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	0.13	U	0.5	U	NC		NC		NC		0.13	U	0.5	U	0.377	U	0.13	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		NC		0.14	U	1	U	0.327	U	0.14	U
1,3,5-Trimethylbenzene	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.347	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.283	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.26	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.311	U	0.70	U
1,4-Dioxane	3	NA		41	U	250	U	150	U	500	UJ	250	UJ	500	UJ	250	U	500	UJ	61	UJ	250	UJ	NC		NC		NC		61	U	250	U	35.3	U	61	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	UJ	5	U	0.7	U	2.5	UJ	NC		NC		NC		0.7	U	2.5	U	NA		0.70	U
2-Butanone	5	4.8	U	1.9	U	5	U	4.8	U	10	U	5	UJ	10	U	5	UJ	10	UJ	1.9	U	5	U	NC		NC		NC		1.9	U	5	U	0.421	U	1.9	U
2-Hexanone	50	2.5	U	1	U	5	U	2.5	U	10	UJ	5	UJ	10	U	5	U	10	UJ	1	U	5	U	NC		NC		NC		1	U	5	U	0.32	U	1.0	U
4-Methyl-2-pentanone	NS	2.5	U	1	U	5	U	2.5	U	10	UJ	5	UJ	10	UJ	5	UJ	10	U	1	U	5	U	NC		NC		NC		1	U	5	U	0.365	U	1.0	U
Acetone	50	13		1.5	U	5	U	5.8	J	4.8	J	3.3	J	10	U	2.9	J	10	UJ	1.5	U	2.2	J	NC		NC		NC		1.5	U	5	U	1.34	U	1.5	U
Acrylonitrile	5	3.8	U	1.5	U	5	U	3.8	U	10	U	5	U	10	U	5	U	10	UJ	1.5	U	5	U	NC		NC		NC		1.5	U	5	U	0.422	U	1.5	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		NC		0.16	U	0.5	U	0.279	U	0.16	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	NA		0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.354	U	0.70	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		NC		0.19	U	0.5	U	0.245	U	0.19	U
Bromoform	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		NC		0.65	U	2	U	0.163	U	0.65	U
Bromomethane	5	1.8	U	0.7	U	2.5	U	1.8	U	5	U	2.5	U	5	UJ	2.5	UJ	5	UJ	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.119	U	0.70	U
Carbon disulfide	60	2.5	U	1	U	5	U	2.5	U	5.2	J	5	UJ	10	U	2.8	J	10	U	1	U	5	U	NC		NC		NC		1	U	5	U	0.362	U	1.00	U
Carbon tetrachloride	5	0.34	U	0.13	U	0.5	U	0.34	U	1	U	0.5	U	1	UJ	0.5	U	1	U	0.13	U	0.5	U	NC		NC		NC		0.13	U	0.5	U	0.204	U	0.13	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.284	U	0.70	U
Chloroethane	5	1.8	U	0.7	U	2.5	U	1.8	U	5	U	2.5	UJ	5	U	2.5	U	5	U	0.7	UJ	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.448	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.243	U	0.70	U
Chloromethane	NS	1.8	U	0.7	U	2.5	U	1.8	U	5	UJ	2.5	UJ	5	UJ	2.5	UJ	5	UJ	0.7	U	2.5	UJ	NC		NC		NC		0.7	U	2.5	U	0.372	U	0.70	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		NC		3		3		0.294	U	0.95	J
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		NC		0.14	U	0.5	U	0.262	U	0.14	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		NC		0.15	U	0.5	U	0.146	U	0.15	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		NC		1	U	5	U	0.203	U	1.0	U
Dichlorodifluoromethane	5	2.5	U	1	U	5	U	2.5	U	10	UJ	5	UJ	10	UJ	5	UJ	10	U	1	U	5	UJ	NC		NC		NC		1	U	5	U	0.451	U	1.0	U
Ethyl ether	NS	1.8	U	0.7	U	2.5	U	1.8	U	5	UJ	2.5	U	5	UJ	2.5	UJ	5	U	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	NA		0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.29	U	0.70	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	0.7	UJ	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.241	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.405	U	0.70	U
Methyl tert butyl ether	10	1.8	U	0.7	U	2.5	U	1.8	U	5	U	2.5	UJ	5	U	2.5	U	5	U	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.244	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.397	U	0.70	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	0.7	U	2.5	UJ	NC		NC		NC		0.7	U	2.5	U	0.399	U	0.70	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	0.7	U	2.5	UJ	NC		NC		NC		0.7	U	2.5	U	0.384	U	0.70	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	0.7	U	2.5	UJ	NC		NC		NC		0.7	U	2.5	U	0.37	J	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	NA		0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.261	U	0.70	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	NA		0.70	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		NC		0.7	U	2	U	0.341	U	0.70	U
p-Ethyltoluene	NS	1.8	U	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		NC		0.7	U	2	U	0.2	U	0.70	U
p-Isopropyltoluene	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.377	U	0.70	U
p/m-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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.578	U	0.70	U
sec-Butylbenzene	5	1.8	U	1.3	J	2.5	U	1.8	U	5	U	2.5	U	5	U	2.5	U	5	U	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.65		0.70	U
Styrene	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	0.7	UJ	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.255	U	0.70	U
tert-Butylbenzene	5	1.8	U	0.95	J	2.5	U	1.8	U	5	U	2.5	U	5	U	2.5	U	5	U	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.44	J	0.70	U
Tetrachloroethene (PCE)	5	7.4		0.78		1.2		1.6		0.76	J	0.96	J	2.4		1.7		1.2		3.4		0.49	J	NC		NC		NC		1.3		1.5		0.239	U	0.29	J
Toluene	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	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.346	U	0.70	U
trans-1,2-Dichloroethene	5	2.8	J	2.4	J	1.7	J	2.1	J	1.5	J	2.2	J	5	U	1.4	J	5	U	0.7	U	0.72	J	NC		NC		NC		0.7	U	2.5	U	0.279	U	0.70	U
trans-1,3-Dichloropropene	0.4	0.41	U	0.16	U	0.5	U	0.41	U	1	UJ	0.5	U	1	U	0.5	U	1	U	0.16	U	0.5	U	NC		NC		NC		0.16	U	0.5	U	0.229	U	0.16	U
trans-1,4-Dichloro-2-butene	5	0.7	U	0.7	U	2.5	U	1.8	U	5	U	2.5	U	5	U	2.5	UJ	5	UJ	0.7	U	2.5	UJ	NC		NC		NC		0.7	U	2.5	U	NA		0.70	U
Trichloroethene (TCE)	5	0.42	J	0.67		1.6		2.8		2		3.5	J	2.5		2.2		1.4		0.92		3.9		NC		NC		NC		2		1.8		0.249	U	0.88	
Trichlorofluoromethane	5	0.7	U	0.7	U	2.5	U	1.8	U	5	U	2.5	U	5	U	2.5	U	5	U	0.7	U	2.5	U	NC		NC		NC		0.7	U	2.5	U	0.337	U	0.70	U
Vinyl acetate	NS	1	U	1	U	5	U	2.5	U	10	U	5	U	10	U	5	U	10	UJ	1	U	5	U	NC		NC		NC		1	U	5	U	NA		1.0	U
Vinyl chloride VC	2	180		14		7.7		6.5		6.5		7.5	J	2	U	1	U	2.7	J	1.1	J	2.7		NC		NC		NC		1		0.92	J	0.469	U	0.30	J
Total VOCs	NS	297		50		29		50		44		38		11		25		16		9		20		NC		NC		NC		7		7		1.71		3.6	
Total CVOCs	NS	244		22		17		25		21		30		11		18		16		9		17		NC		NC		NC		7		7		0		2.42	

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 t
U - The analyte was analyzed for, but was not detected abov
E - Concentration of analyte exceeds the range of the calibra
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MW-16																		
Depth:	NYSDEC (1) Ambient Water Quality Standards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Date:		10/2/2015	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	3/6/2019	5/11/2020	1/14/2021	3/16/2022	3/30/2023	3/22/2024
Laboratory ID:		L1524907-07	-	-	L1629516-12	-	-	L1718024-07	L1733661-07	-	L1808694-07	NC	NC	NC	NC	NC	NC	NC	NC
Volatile Organic Compounds in µg/L																				
1,1,1,2-Tetrachloroethane	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,1-Trichloroethane	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,2,2-Tetrachloroethane	5	2.9 U	NC	NC	1.7 U	NC	NC	0.5 U	2.5 U	NC	0.17 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,2-Trichloroethane	1	10 U	NC	NC	5 U	NC	NC	1.5 U	7.5 U	NC	0.5 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1-Dichloroethane	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1-Dichloroethene	5	2.8 U	NC	NC	1.7 U	NC	NC	0.5 U	2.5 U	NC	0.17 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1-Dichloropropene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2,3-Trichlorobenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2,3-Trichloropropane	0.04	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2,4,5-Tetramethylbenzene	NS	17 J	NC	NC	13 J	NC	NC	11 J	10 U	NC	1.1 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2,4-Trichlorobenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2,4-Trimethylbenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2-Dibromo-3-chloropropane	0.04	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2-Dibromoethane	0.0006	13 U	NC	NC	6.5 U	NC	NC	2 U	10 U	NC	0.65 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2-Dichlorobenzene	3	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2-Dichloroethane	0.6	2.6 U	NC	NC	1.3 U	NC	NC	0.5 U	2.5 U	NC	4.2	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2-Dichloropropane	NS	2.7 U	NC	NC	1.4 U	NC	NC	1 U	5 U	NC	0.14 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3,5-Trimethylbenzene	1	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-Dichlorobenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-Dichloropropane	3	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,4-Dichlorobenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,4-Dioxane	3	NA	NC	NC	610 U	NC	NC	250 UJ	1,200 UJ	NC	61 UJ	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,2-Dichloropropane	NS	14 U	NC	NC	7 U	NC	NC	2.5 U	12 UJ	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Butanone	5	39 U	NC	NC	19 U	NC	NC	15	25 UJ	NC	64	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Hexanone	50	20 U	NC	NC	10 U	NC	NC	5 U	25 U	NC	3.5 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
4-Methyl-2-pentanone	NS	20 U	NC	NC	10 U	NC	NC	5 U	25 UJ	NC	1 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acetone	50	56 J	NC	NC	15 U	NC	NC	25	43	NC	84	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acrylonitrile	5	30 U	NC	NC	15 U	NC	NC	5 U	25 U	NC	1.5 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzene	1	3.2 U	NC	NC	1.6 U	NC	NC	0.5 U	2.5 U	NC	0.18 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromobenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromochloromethane	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromodichloromethane	50	3.8 U	NC	NC	1.9 U	NC	NC	0.5 U	2.5 U	NC	0.19 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromoform	50	13 U	NC	NC	6.5 U	NC	NC	2 U	10 U	NC	0.65 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromomethane	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 UJ	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbon disulfide	60	20 U	NC	NC	10 U	NC	NC	5 UJ	6 J	NC	20	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbon tetrachloride	5	2.7 U	NC	NC	1.3 U	NC	NC	0.5 U	2.5 U	NC	0.13 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorobenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroethane	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 UJ	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroform	7	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloromethane	NS	14 U	NC	NC	7 U	NC	NC	2.5 U	12 UJ	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene (DCE)	5	740	NC	NC	7 U	NC	NC	2 J	12 U	NC	1.5 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
cis-1,3-Dichloropropene	0.4	2.9 U	NC	NC	1.4 U	NC	NC	0.5 U	2.5 U	NC	0.14 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dibromochloromethane	50	3 U	NC	NC	1.5 U	NC	NC	0.5 U	2.5 U	NC	0.15 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dibromomethane	5	20 U	NC	NC	10 U	NC	NC	5 U	25 U	NC	1 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dichlorodifluoromethane	5	20 U	NC	NC	10 U	NC	NC	5 U	25 UJ	NC	1 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethyl ether	NS	14 U	NC	NC	7 U	NC	NC	2.5 U	12 UJ	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethylbenzene	5	14 U	NC	NC	7 U	NC	NC	1.2 J	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorobutadiene	0.5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 UJ	NC	NC	NC	NC	NC	NC	NC	NC	NC
Isopropylbenzene	5	14 U	NC	NC	7 U	NC	NC	0.78 J	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl tert butyl ether	10	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methylene chloride	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
n-Butylbenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 J	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
n-Propylbenzene	5	14 U	NC	NC	7 U	NC	NC	1.2 J	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Naphthalene	10	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.71 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
o-Chlorotoluene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
o-Xylene	5	14 U	NC	NC	7 U	NC	NC	1.8 J	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
p-Chlorotoluene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
p-Diethylbenzene	NS	14 U	NC	NC	7 U	NC	NC	2 U	14	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
p-Ethyltoluene	NS	14 U	NC	NC	7 U	NC	NC	2 U	10 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
p-Isopropyltoluene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
p/m-Xylene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
sec-Butylbenzene	5	14 U	NC	NC	7 U	NC	NC	2.4 J	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Styrene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 UJ	NC	NC	NC	NC	NC	NC	NC	NC	NC
tert-Butylbenzene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Tetrachloroethene (PCE)	5	3.7 J	NC	NC	1.8 U	NC	NC	0.5 U	2.5 U	NC	0.27 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
Toluene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,2-Dichloroethene	5	14 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,3-Dichloropropene	0.4	3.3 U	NC	NC	1.6 U	NC	NC	0.5 U	2.5 U	NC	0.16 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,4-Dichloro-2-butene	5	0.7 U	NC	NC	7 U	NC	NC	2.5 U	12 UJ	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichloroethene (TCE)	5	0.18 U	NC	NC	1.8 U	NC	NC	1.4	1.3 J	NC	0.22 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichlorofluoromethane	5	0.7 U	NC	NC	7 U	NC	NC	2.5 U	12 U	NC	0.7 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vinyl acetate	NS	1 U	NC	NC	10 U	NC	NC	5 U	25 U	NC	1 U	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vinyl chloride VC	2	0.07 U	NC	NC	7.7 J	NC	NC	2.5	5 U	NC	0.82 J	NC	NC	NC	NC	NC	NC	NC	NC	NC
Total VOCs	NS	817	NC	NC	21	NC	NC	67	64	NC	182	NC	NC	NC	NC	NC	NC	NC	NC	NC
Total CVOCs	NS	744	NC	NC	8	NC	NC	6	1	NC	3	NC	NC	NC	NC	NC	NC	NC	NC	NC

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abov
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MW-17																			
Depth:	NYSDEC (1) Ambient Water Quality Standards	-		-		-		-		-		-		-		-		-		-	
Sampling Date:		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	
Laboratory ID:		L1733461-10		L1746240-07		L1808694-08		L1835036-07		NC		L1942467-06		L2019409-07		L2102213-06		L2214084-06		23C1840-03		L2415955-04	
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
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
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
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
1,1-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
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
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
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
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
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
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
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
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
1,2-Dibromoethane	0.0006	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
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
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
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
1,3,5-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
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
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
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
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
2,2-Dichloropropane	NS	2.5	UJ	25	U	0.7	U	2.5	UJ	NC		2.5	U	2.5	U	0.7	U	2.5	U	NA		0.70	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
o-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
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
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
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
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
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
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
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
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
Tetrachloroethene (PCE)	5	12		11		1.3		1.6		NC		2.6		1.9		0.95		1.3		0.239	U	0.18	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
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
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
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
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
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
Vinyl acetate	NS	5	U	50	UJ	1	U	5	U	NC		5	U	5	U	1	U	5	U	NA		1.0	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
Total VOCs	NS	66		24		12		10		NC		14		5.38		11.18		13.77		1.67		0.0	
Total CVOCs	NS	24		24		5		4		NC		7		2.62		7.32		2.27		0		0	

Notes
(1) NYSDEC Ambient Water Quality Standards and Guidance V
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 t
U - The analyte was analyzed for, but was not detected abo
E - Concentration of analyte exceeds the range of the calibra
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MLWell1																											
Depth:		15-20'																											
Sampling Date:	NYSDEC (1) Ambient Water Quality Standards	10/17/2012	1/30/2013	9/30/2013	10/7/2014	5/11/2015	10/2/2015	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
Laboratory ID:		L1218814-01	L1301890-01	L1319520-06	L1423615-01	L1510117-03	L1524907-09	L1609110-07	L1619370-07	L1629516-07	L1639729-06	L1706520-06	L1718024-05	L1733661-04	L1746240-08	L1808694-09	L1835036-08	L1908838-04	L1942467-07	L2019409-05	L2102213-07	L2214084-07	23C1840-06	L2415955-02
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	2.5 U	2.5 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
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	2.5 U	2.5 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
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 UJ	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	0.17 U	0.5 U	0.256 U	0.17 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 UJ	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
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	2.5 U	2.5 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
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	0.5 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
1,1-Dichloropropene	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	2.5 U	2.5 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	NA	0.70 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 UJ	2.5 U	2.5 U	2.5 U	2.5 U	1.8 U	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.222 U	0.70 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	2.5 U	2.5 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
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	2.5	1.8 J	2.5	NA	0.54 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	2.5 U	2.5 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
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	2.5 U	2.5 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
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 UJ	2.5 UJ	2.5 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
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
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	2.5 U	2.5 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
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	0.5 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
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	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
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	2.5 U	2.5 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
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	2.5 U	2.5 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
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	2.5 U	2.5 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
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	2.5 U	2.5 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
1,4-Dioxane	3	NA	NA	NA	NA	NA	NA	41 U	250 UJ	61 U	250 UJ	250 UJ	250 UJ	250 UJ	250 UJ	150 UJ	250 UJ	61 UJ	250 U	250 U	61 U	250 U	35.3 U	61 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	2.5 U	2.5 U	2.5 UJ	2.5 U	1.8 U	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 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 UJ	5 U	5 U	5 UJ	4.8 U	5 U	1.9 U	5 U	5 U	1.9 U	5 U	0.421 U	1.9 U
2-Hexanone	50	250 U	500 U	12 U	1 U	1 U	1 U	1 U	5 UJ	1 U	5 UJ	5 UJ	5 U	5 U	5 UJ	2.5 U	5 U	1 U	5 U	5 U	1 U	5 U	0.32 U	1.0 U
4-Methyl-2-pentanone	NS	250 U	500 U	12 U	1 U	1 U	1 U	1 U	5 UJ	1 U	5 UJ	5 UJ	5 U	5 U	5 UJ	2.5 U	5 U	1 U	5 U	5 U	1 U	5 U	0.365 U	1.00 U
Acetone	50	250 U	500 U	92	1.5 U	1.5 U	1.6 J	1.5 U	68 J	1.5 U	5 UJ	5 U	1.7 J	5 U	5 UJ	24	1.5 J	5 UJ	2.6 J	1.6 J	1.5 U	5 U	1.34 U	1.5 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 UJ	5 U	5 U	5 U	5 UJ	3.8 U	5 U	1.5 U	5 U	5 U	1.5 U	5 U	0.422 U	1.5 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	0.5 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
Bromobenzene	5	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	2.5 U	2.5 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	NA	0.70 U
Bromochloromethane	5	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	2.5 U	2.5 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	0.354 U	0.70 U
Bromodichloromethane	50	25 U	50 U	1.2 U	0.19 U	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	0.48 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
Bromoform	50	100 U	200 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	0.163 U	0.65 U
Bromomethane	5	120 U	250 U	6.2 U	0.7 U	0.7 U	0.7 U	0.7 U	2.5 UJ	0.7 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	1.8 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
Carbon disulfide	60	250 U	500 U	12 U	1 U	1 U	1 U	1 U	5 U	1 U	5 U	5 UJ	5 UJ	5 UJ	5 U	2.5 U	5 U	1 U	5 U	5 U	1 U	5 U	0.362 U	1.00 U
Carbon tetrachloride	5	25 U	50 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	0.5 U	0.34 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
Chlorobenzene	5	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	2.5 U	2.5 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	0.284 U	0.70 U
Chloroethane	5	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	2.5 UJ	2.5 U	2.5 U	2.5 U	1.8 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.448 U	0.70 U
Chloroform	7	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	2.5 U	2.5 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	0.243 U	0.70 U
Chloromethane	NS	120 U	250 U	6.2 U	0.7 U	0.7 U	0.7 U	0.7 U	2.5 UJ	0.7 U	2.5 UJ	2.5 UJ	2.5 U	2.5 UJ	2.5 UJ	1.8 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
cis-1,2-Dichloroethene (DCE)	5	2,700	5,200	160	140	100	32	26	20	29	2.5 U	2.5 U	11	1.9 J	10	280	45	130	60	91	58	68	0.72	0.74 J
cis-1,3-Dichloropropene	0.4	25 U	50 U	1.2 U	0.14 U	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	0.36 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
Dibromochloromethane	50	25 U	50 U	1.2 U	0.15 U	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	0.37 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
Dibromomethane	5	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	2.5 U	5 U	1 U	5 U	5 U	1 U	5 U	0.203 U	1.0 U
Dichlorodifluoromethane	5	250 U	500 U	12 U	1 U	1 U	1 U	1 U	5 UJ	1 U	5 UJ	5 UJ	5 U	5 UJ	5 U	2.5 U	5 UJ	1 UJ	5 U	5 U	1 U	5 U	0.451 U	1.0 U
Ethyl ether	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 UJ	2.5 U	2.5 U	2.5 UJ	2.5 U	1.8 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.70 U
Ethylbenzene	5	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	2.5 U	2.5 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	0.29 U	0.70 U
Hexachlorobutadiene	0.5	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	2.5 U	2.5 U	2.5 U	2.5 U	1.8 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.241 U	0.70 U
Isopropylbenzene	5	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	2.5 U	2.5 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	0.405 U	0.70 U
Methyl tert butyl ether	10	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	2.5 UJ	2.5 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	0.244 U	0.70 U
Methylene chloride	5	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	2.5 U	2.5 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	0.397 U	0.70 U
n-Butylbenzene	5	120 U	250 U	6.2 U	0.77 J	0.7 U	0.7 U	0.7 U	2.5 U	0.7 U	2.5 U	2.5 U	2.5 UJ	2.5 U	2.5 U	1.8 U	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.399 U	0.70 U
n-Propylbenzene	5	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	2.5 U	2.5 U	2.5 U	2.5 U	1.8 U	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.384 U	0.70 U
Naphthalene	10	120 U	250 U	6.2 U	0.83 J	0.7 U	1.4 J	0.87 J	2.5 U	1.5 J	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	1.8 U	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	0.76 J	0.212 U	0.70 U
o-Chlorotoluene	5	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	2.5 U	2.5 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	NA	0.70 U
o-Xylene	5	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	2.5 U	2.5 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	0.261 U	0.70 U
p-Chlorotoluene	5	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	2.5 U	2.5 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	NA	0.70 U
p-Diethylbenzene	NS	13	5.6 J	3.5 J	5	3.4	0.7 U	5	2 U	0.7 U	2 U	2 U	2 U	3.9	2 U	1.8 U	2 U	0.7 U	0.89 J	2 U	1.1 J	2 U	0.341 U	0.70 U
p-Ethyltoluene	NS	100 U	200 U	5 U	0.7 U	0.7 U	0.7 U	0.7 U	2 U	0.7 U	2 U	2 U	2 U	2 U	2 U	1.8 U	2 U	0.7 U	2 U	2 U	0.7 U	2 U	0.2 U	0.70 U
p-Isopropyltoluene	5	120 U	250 U	1.9 J	0.7 U	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	1.8 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.377 U	0.70 U
p/m-Xylene	5	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	2.5 U	2.5 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	0.578 U	0.70 U
sec-Butylbenzene	5	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	2.5 U	2.5 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	0.444 U	0.70 U
Styrene	5	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	2.5 U	2.5 U	2.5 U	2.5 U	1.8 UJ	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.255 U	0.70 U
tert-Butylbenzene	5	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	2.5 U	2.5 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	0.367 U	0.7 U
Tetrachloroethene (PCE)	5	700	1,400	33	2.5	2.2	1	1.2	0.49 J	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.46 J	0.62	3.5	0.76	0.48 J	0.21 J	0.5 U	0.239 U	0.18 U
Toluene	5	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	2.5 U	2.5 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	0.346 U	0.7 U
trans-1,2-Dichloroethene	5	120 U	250 U	5.3 J	2.8	1.3 J	2.3 J	1.3 J	1.4 J	2.1 J	2.5 U	2.5 U	1.3 J	1.2 J	1.8 J	3.7 J	2.1 J	1.4 J	1.3 J	1.6 J	1.7 J	1.8 J	0.279 U	0.7 U
trans-1,3-Dichloropropene	0.4	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 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.41 U	0.5 U	0.16 U	0.5 U	0.5 U	0.16 U	0.5 U	0.229 U	0.16 U
trans-1,4-Dichloro-2-butene	5	120 U	250 U	6.2 U	0.7 U	1.4 U	0.7 U	0.7 U	2.5 UJ	0.7 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	1.8 U	2.5 UJ	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	NA	0.7 U
Trichloroethene (TCE)	5	1,100	1,500	10	0.66	3	0.18 U	0.56	0.43 J	0.32 J	0.22 J	0.21 J	0.5 U	0.5 U	0.2 J	0.79 J	0.5	2.9	0.28 J	0.63	0.51	0.99	0.45 J	0.28 J
Trichlorofluoromethane	5	120 U	250 U	6.2 U	0.7 U	1.4 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	1.8 U	2.5 U	0.7 U	2.5 U	2.5 U	0.7 U	2.5 U	0.337 U	0.7 U
Vinyl acetate	NS	250 U	500 U	12 U	1 U	2 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	5 UJ	2.5 U	5 U	1 U	5 U	5 U	1 U	5 U	NA	1 U
Vinyl chloride VC	2	480	1,200	2.5 U	65	39	0.07 U	50	32 J	140	1 U	0.23 J	40	7.9	30 J	100 J	50	39	31	42	34	44	0.469 U	0.07 U
Total VOCs	NS	5,019	9,315	312	222	151	41	87	128	178	0	0	58	15	46	412	104	179	99	139.3	98.19	118.23	1.17	1.0
Total CVOCs	NS	4,980	9,300	203	208	144	33	78	53	170	0	0	51	10	40	381	96	175	92	134.11	92.72	112.99	1.17	1.02

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 t
U - The analyte was analyzed for, but was not detected abo\
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:	NYSDEC (1) Ambient Water Quality Standards	MLWell1																																							
Depth:		35-40'																																							
Sampling Date:		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	
Laboratory ID:		L1218814-02		L1301890-02		L1319520-07		L1609110-09		L1619370-08		L1629516-08		L1639729-07		L1706520-07		L1718024-06		L1733661-05		L1746240-09		L1808694-10		L1835036-09		L1908838-05		L1942467-08		L1942467-08		L2102213-08		L2214084-08		23C1840-05		L2415955-03	
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
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
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	UJ	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
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	UJ	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
1,1-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
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
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
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	UJ	2.5	UJ	2.5	U	2.5	U	2.5	U	0.7	U	2.5	UJ	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.222	U	0.70	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
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	UJ	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
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	UJ	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
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
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	UJ	2.5	UJ	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
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
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
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
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
1,3,5-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
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
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
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
1,4-Dioxane	3	NA		NA		NA		41	U	250	U	61	U	250	UJ	250	UJ	250	UJ	250	UJ	250	UJ	61	UJ	250	UJ	61	UJ	250	U	250	U	61	U	250	U	35.3	U	61	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	UJ	2.5	U	0.7	U	2.5	UJ	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	NA		0.70	U
2-Butanone	5	5,000	U	5	U	5	U	1.9	U	5	U	1.9	U	5	U	5	UJ	5	U	5	U	5	UJ	1.9	U	5	U	1.9	U	5	U	5	U	1.9	U	5	U	0.421	U	1.9	U
2-Hexanone	50	5,000	U	5	U	5	U	1	U	5	U	1	U	5	UJ	5	UJ	5	U	5	U	5	UJ	1	U	5	U	1	U	5	U	5	U	1	U	5	U	0.32	U	1.0	U
4-Methyl-2-pentanone	NS	5,000	U	5	U	5	U	1	U	5	U	1	U	5	UJ	5	UJ	5	U	5	UJ	5	U	1	U	5	U	1	U	5	U	5	U	1	U	5	U	0.365	U	1.0	U
Acetone	50	5,000	U	5		5	U	1.5	U	5	U	1.5	U	5	UJ	5	U	5	U	5	U	5	UJ	1.5	U	5	U	5	UJ	5	U	5	U	1.5	U	5	U	1.34	U	1.5	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	UJ	1.5	U	5	U	1.5	U	5	U	5	U	1.5	U	5	U	0.422	U	1.5	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
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
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
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
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
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	UJ	2.5	UJ	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
Carbon disulfide	60	5,000	U	5	U	5	U	1	U	5	U	1	U	5	U	5	UJ	5	UJ	5	UJ	5	U	1	U	5	U	1	U	5	U	5	U	1	U	5	U	0.362	U	1.000	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
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
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	UJ	2.5	U	2.5	U	2.5	U	0.7	UJ	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.448	U	0.70	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
Chloromethane	NS	2,500	U	2.5	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	UJ	2.5	UJ	2.5	U	2.5	UJ	2.5	UJ	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
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
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
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
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
Dichlorodifluoromethane	5	5,000	U	5	U	5	U	1	U	5	U	1	U	5	UJ	5	UJ	5	U	5	UJ	5	U	1	U	5	UJ	1	UJ	5	U	5	U	1	U	5	U	0.451	U	1.0	U
Ethyl ether	NS	2,500	U	2.5	U	2.5	U	0.7	U	2.5	U	0.7	U	2.5	UJ	2.5	U	2.5	U	2.5	UJ	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
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
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	UJ	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.241	U	0.70	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
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	UJ	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
Methylene chloride	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	0.397	U	0.70	U
n-Butylbenzene	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	UJ	2.5	U	2.5	U	0.7	U	2.5	UJ	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.399	U	0.70	U
n-Propylbenzene	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	UJ	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.384	U	0.70	U
Naphthalene	10	2,500	U	2.5	U	2.5	U	0.7	U	2.5	U	1	J	2.5	UJ	2.5	UJ	2.5	U	2.5	U	2.5	U	0.7	U	2.5	UJ	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.212	U	0.70	U
o-Chlorotoluene	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
o-Xylene	5	2,500	U	1	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	0.261	U	0.70	U
p-Chlorotoluene	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
p-Diethylbenzene	NS	0.18	J	2	U	2	U	0.7	U	2	U	0.7	U	2	U	2	U	2	U	2	U	2	U	0.7	U	2	U	0.7	U	2	U	2	U	0.7	U	2	U	0.341	U	0.70	U
p-Ethyltoluene	NS	2,000	U	2	U	2	U	0.7	U	2	U	0.7	U	2	U	2	U	2	U	2	U	2	U	0.7	U	2	U	0.7	U	2	U	2	U	0.7	U	2	U	0.2	U	0.70	U
p-Isopropyltoluene	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	0.377	U	0.70	U
p/m-Xylene	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	0.578	U	0.70	U
sec-Butylbenzene	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	0.444	U	0.70	U
Styrene	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	UJ	2.5	U	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	0.255	U	0.70	U
tert-Butylbenzene	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	0.367	U	0.7	U
Tetrachloroethene (PCE)	5	340,000	E	2.5	U	0.5	U	2.3		0.28	J	0.18	J	0.5	U	0.26	J	0.5	U	0.56		0.5	U	0.18	U	0.77		0.29	J	0.5	U	0.5	U	0.18	U	0.24	J	0.239	U	0.18	U
Toluene	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	0.346	U	0.7	U
trans-1,2-Dichloroethene	5	2,500	U	1.2	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	0.279	U	0.7	U
trans-1,3-Dichloropropene	0.4	500	U	0.5	U	0.5	U	0.16	U	0.5	U	0.16	U	0.5	UJ	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	0.229	U	0.16	U
trans-1,4-Dichloro-2-butene	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	UJ	2.5	UJ	0.7	U	2.5	UJ	0.7	U	2.5	U	2.5	U	0.7	U	2.5	U	NA		0.7	U
Trichloroethene (TCE)	5	26,000		0.5	U	0.5	U	0.21	J	0.33	J	0.25	J	0.5	U	0.29	J	0.5	U	0.5	U	0.5	U	0.18	U	0.5	U	0.18	U	0.5	U	0.5	U	0.18	U	0.5	U	0.249	U	0.18	U
Trichlorofluoromethane	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	0.337	U	0.7	U
Vinyl acetate	NS	5,000	U	5	U	5	U	1	U	5	U	1	U	5	U	5	U	5	U	5	U	5	UJ	1	U	5	U	1	U	5	U	5	U	1	U	5	U	NA		1	U
Vinyl chloride VC	2	1,000	U	13		1	U	0.07	U	0.12	J	1.2		1	U	1	U	0.33	J	1	U	0.08	J	0.07	UJ	1	UJ	0.81	J	1	U	1	U	0.13	J	1	U	0.469	U	0.07	U
Total VOCs	NS	391,001		25		0		3		1		3		0		1		0		1		0		0		3		4		0		0		1.23		1.64		0		0.0	
Total CVOCs	NS	391,000		17		0		3		1		2		0		1		0		1		0		0		3		4		0		0		1.23		1.64		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 abo
E - Concentration of analyte exceeds the range of the calibr
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 3

March 2023
Historic Groundwater Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Client Sample ID:		MLWell1								MLWell1								
Depth:	NYSDEC [1] Ambient Water Quality Standards	55-60'			75-80'					95-100'			115-120'					
Sampling Date:		10/17/2012	1/30/2013	9/30/2013	10/17/2012	1/30/2013	9/30/2013	10/17/2012	9/30/2013	1/30/2013	10/17/2012	1/30/2013	9/30/2013					
Laboratory ID:		L1218814-03	L1301890-03	L1319520-08	L1218814-04	L1301890-04	L1319520-09	L1218814-05	L1319520-10	L1301890-05	L1218814-06	L1301890-06	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	3 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	NA	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	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					
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	0.5 U	0.95	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 V
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 t
U - The analyte was analyzed for, but was not detected abov
E - Concentration of analyte exceeds the range of the calibrc
Highlighted values indicate exceedance of the NYSDEC AWQ

Table 4
March 2023
SVE System Sampling Results
3140 Coney Island Avenue, Brooklyn, New York

Sample Date:	NYSDOH	11/10/2015		11/24/2015		12/2/2015		12/9/2015	
Sample Type:	Air Guideline	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
Laboratory ID	Values [1]	L1529463-01	L1529463-02	L1531039-01	L1531039-02	L1531648-01	L1531648-02	L1532455-01	L1532455-02
VOCs by TO-15 in µg/m³									
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
Napthalene	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
t-1,2-Dichloroethene	NS	<7.93	<0.793	<7.93	<0.793	<0.793	<0.793	<2.64	<0.793
t-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
March 2023
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 "Guidan
Vapor Intrusion in the State of New York" October

(2) New York State Department of Health Memo R
Indoor Air Matrices, dated June 25, 2007. Values
minimum sub-slab vapor concentration that may

NS - No Standard

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

R - Analytical results are from sample re-analysis

J - Data indicates the presence of a compound t
identification criteria. The result is less than the qu
greater than MDL.

B - The analyte was found in the laboratory blank
sample. This indicates possible laboratory contam
environmental sample.

D - The reported value is from a secondary analy
factor. The original analysis exceeded the calibra

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

As of July 2017, the carbon drum has been discon
system; therefore, only an effluent sample is collec

< - Concentration is less than the reporting limit

Highlighted values indicate detectable concentra

Table 4
March 2023
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
Sample Type:	Influent	Effluent	Influent	Effluent	Influent	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
VOCs by TO-15 in µg/m^3												
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
1,1,2,2-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
1,1,2- 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
1,1 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
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
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
1,2,4-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
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
1,2 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
1,2 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
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
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
1,3 Butadiene	<0.885	<0.442	<0.442	<0.442	0.969	<0.442	1.02	<.903	1.54	<0.442	NC	<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
1,4 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
1,4-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
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
2-Butanone	<2.95	8.73	<1.47	<1.47	206	122	14.6	<3.01	53.1	<1.47	0.954	<1.47
2-Hexanone	<1.64	<0.82	<0.82	<0.82	24.5	43.4	8.24	<1.67	10.6	<.82	<1.15	<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
p-Ethyltoluene	<1.97	<0.983	<0.983	<0.983	<1.97	<0.983	<1.23	<2.01	<2.77	<0.983	<0.691	<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
Acetone	<4.75	11	<2.38	8.69	1,290	568	36.6	16.8	159	<2.38	5.48	<2.38
Benzene	<1.28	<0.639	<0.639	<0.639	<1.28	2.09	<0.799	<1.3	<1.47	<.639	<0.449	<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
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
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
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
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
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
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
Chloroethane	<1.06	<0.528	<0.528	<0.528	40.4	<5.28	1.05	<1.08	8.79	<5.28	<0.371	<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
Chloromethane	<0.826	<0.413	<0.413	<0.413	5.37	0.541	<0.516	1.04	1.35	<.413	0.639	<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
c-1,3Dichloropropene	<1.82	<0.908	<0.908	<0.908	<1.82	<.908	<1.13	<1.85	<2.09	<.908	<0.638	<0.908
Cyclohexane	<1.38	<0.688	<0.688	<0.688	<1.38	3.05	<0.861	<1.4	<1.59	<.688	<0.484	1.7
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
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
Ethanol	<18.8	<9.42	<9.42	<9.42	164	43.3	<2.25	<19.2	<4.14	19	NC	<9.42
Ethyl Acetate	<3.6	<1.8	<1.8	<1.8	<3.6	<1.8	<11.8	<3.68	<2.17	<1.8	<1.01	<1.8
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
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
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
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
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
Isopropanol	<2.46	<1.23	<1.23	<1.23	81.9	56.8	9.93	8.6	13	1.72	4.11	1.2
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
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
Napthalene	-	-	-	-	-	-	-	-	-	-	-	<1.05
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
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
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
Styrene	<1.7	<0.852	<0.852	<0.852	<1.7	<0.852	<1.06	<1.74	<1.96	<.852	<0.599	<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
Tetrachloroethene (PCE)	685	<1.36	394	<1.36	624	<1.36	746	<3.0	827	173	146	120
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
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
t-1,2-Dichloroethene	<1.59	<0.793	<0.793	1.09	<1.59	1.31	<0.991	<1.62	<1.83	<.793	<0.557	<0.7936
t-1,3Dichloropropene	<1.82	<0.908	<0.908	<0.908	<1.82	<.908	<1.13	<1.85	<2.09	<.908	<0.638	<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
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
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
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
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
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

Notes:

(1) New York State Department of Health "Guidan
Vapor Intrusion in the State of New York" October

(2) New York State Department of Health Memo R
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environmental sample.

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factor. The original analysis exceeded the calibra

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

As of July 2017, the carbon drum has been discon
system; therefore, only an effluent sample is collec

< - Concentration is less than the reporting limit

Highlighted values indicate detectable concentra

Table 5
March 2023
SVE Influent TVOCs
3140 Coney Island Avenue, Brooklyn, New York

Date	SVE Influent TVOCs ($\mu g/m^3$)	Average SVE Flow Rate (CFM)	Average VOC Removal Rate (lb/hr)	TVOCs Removed Over Consecutive Time Periods (lbs)
11/10/15	5,998	218	-	-
11/24/15	4,488	217	0.0043	1.4322
12/02/15	774	230	0.0022	0.4220
12/09/15	1,488	218	0.0009	0.1591
12/17/15	1,508	218	0.0012	0.2344
03/29/16	694	218	0.0009	2.2177
06/22/16	307	230	0.0004	0.8544
09/16/16	2,179	230	0.0011	2.2052
12/06/16	771	218	0.0012	2.4009
03/01/17	465	210	0.0005	1.0086
06/01/17	1,135	210	0.0006	1.3865
07/19/18	901	210	0.0008	7.9204
08/01/19	1,156	210	0.0008	7.3239
05/11/20	226	210	0.0005	3.6962
03/30/23	186	195	0.0002	3.9376
03/22/24	142	195	0.0001	1.0258
Total TVOCs Removed since November 10, 2015 (lbs):				**35.7751**

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

Chart 1

Groundwater CVOCs Per Well

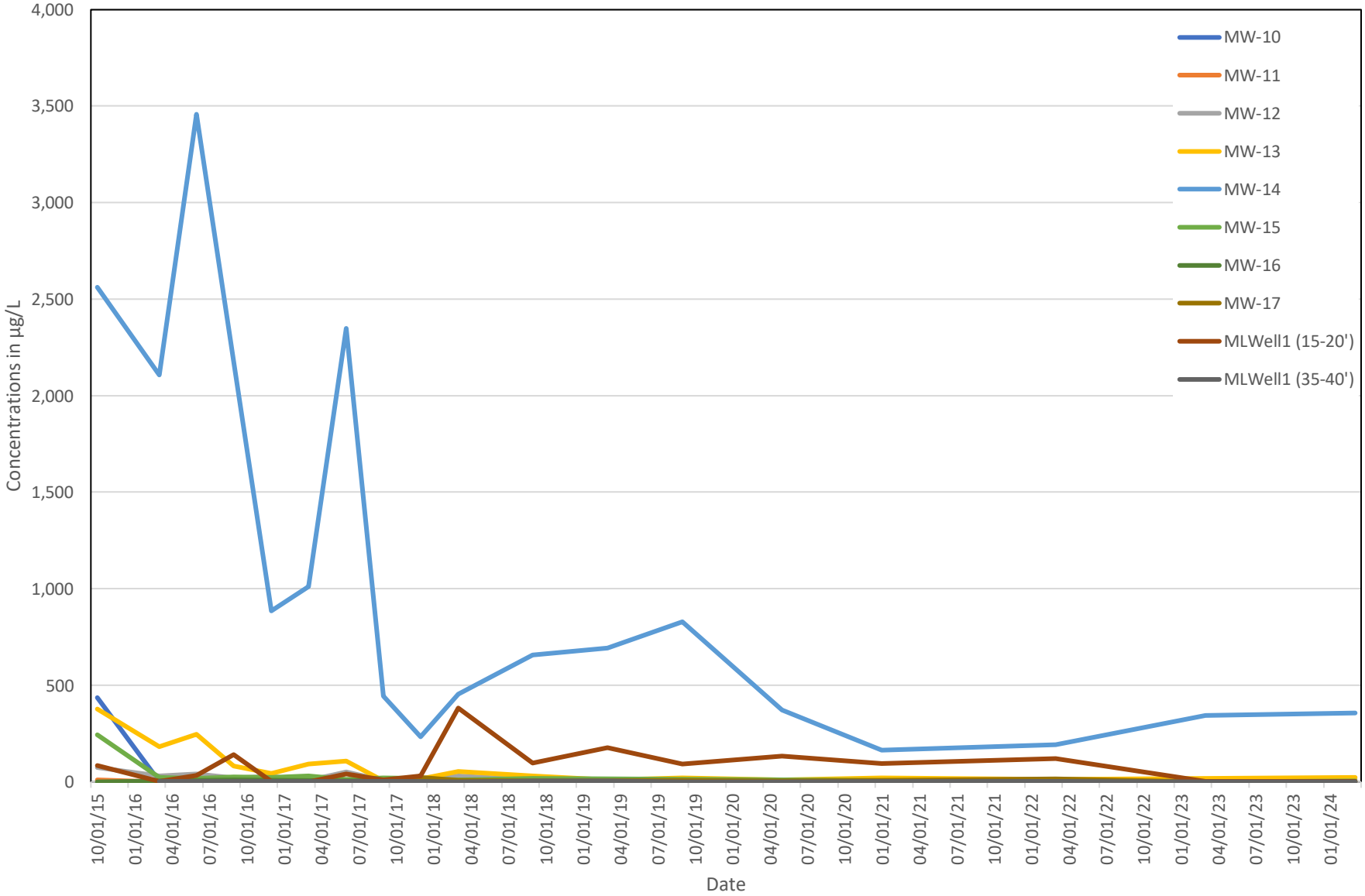
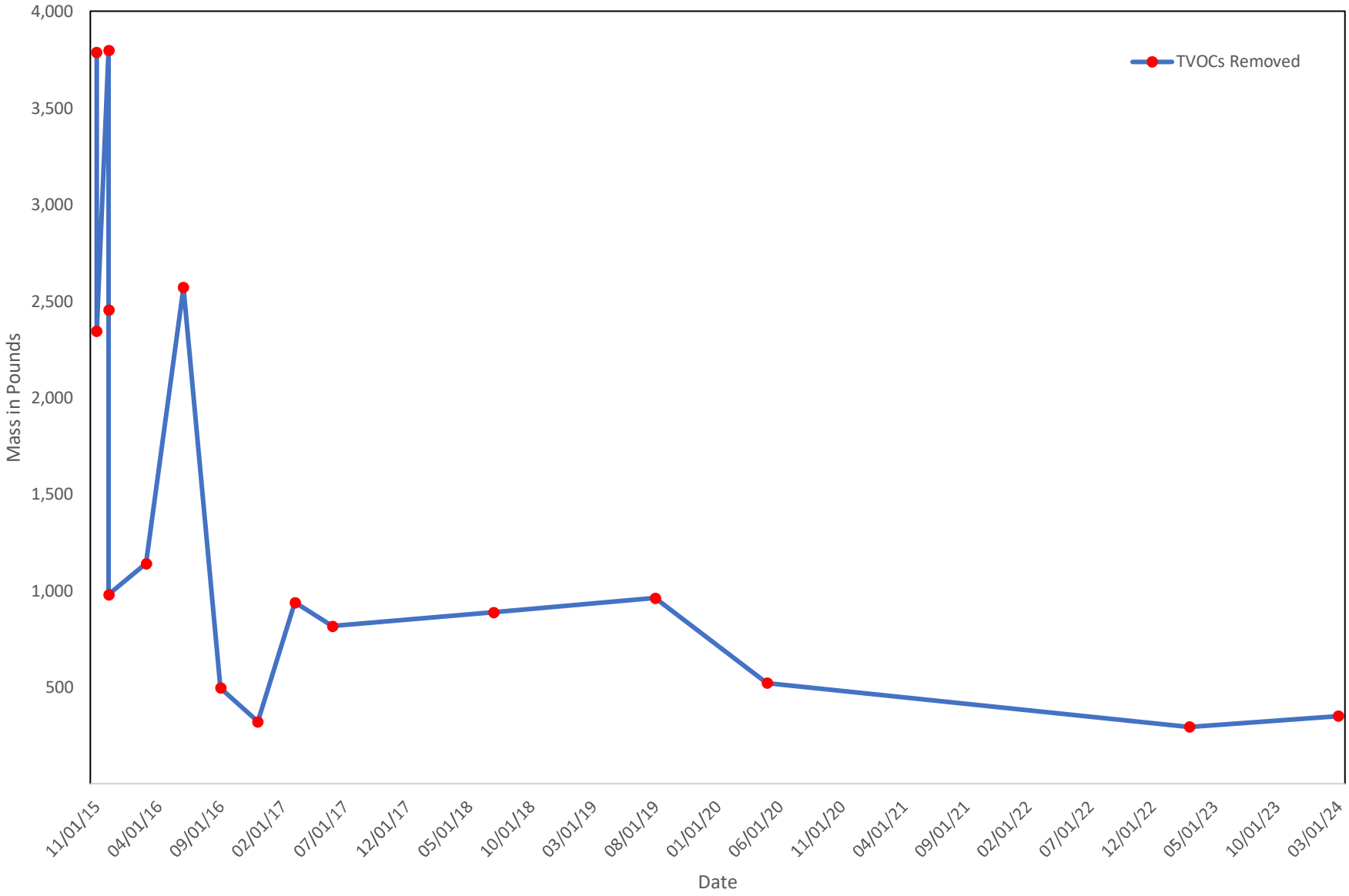


Chart 2

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: AndresBallares Inspection Time: 09:45

Inspection Date: 03/22/2024 Weather Conditions: Sunny 27-42 F, wind: 10 mph NNW

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 property? 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: Three pressure gauges on the SVE system appear to be broken.

Inspector's Signature: Andres Ballares.

APPENDIX B

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-10	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	9.60	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	8.56	**Groundwater Elevation (ft):**	1.04
Depth to Bottom (ft):	12.94	**Bottom Elevation (ft):**	-3.34
Height of Water Column (ft):	4.38	**Well Diameter (in):**	2
Standing Water Volume (gal):	0.71	**Calculated Purge Volume (gal):**	1.98
Sample Date:	3/22/2024	**Begin Purge Time:**	8:35
Sample Time:	9:00	**Complete Purge Time:**	9:00
Purge Method:	Low-Flow	**Sample Method:**	Low-Flow
Purge Rate (mL/min):	250	**Purge Time (min):**	30
Sample Appearance:	Clean	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	MS/MSD
Date Shipped:	3/22/204		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			
8:35	12.66	6.74	2.45	108	0.00	1000			
8:40	13.86	6.47	2.54	78	0.00	501			
8:45	14.07	6.49	2.59	76	0.00	252			
8:50	14.42	6.48	2.61	77	0.00	111			
8:55	14.31	6.48	2.62	80	0.00	59.4			
9:00	14.60	6.48	2.610	80	0.00	38.6			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-11	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	9.73	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NS	**Product Elevation (ft):**	NS
Depth to Water (ft):	NS	**Groundwater Elevation (ft):**	NS
Depth to Bottom (ft):	7.12	**Bottom Elevation (ft):**	NS
Height of Water Column (ft):	NS	**Well Diameter (in):**	2
Standing Water Volume (gal):	NS	**Calculated Purge Volume (gal):**	NS
Sample Date:	NS	**Begin Purge Time:**	NS
Sample Time:	NS	**Complete Purge Time:**	NS
Purge Method:	Low Flow	**Sample Method:**	Low-Flow
Purge Rate (mL/min):	250	**Purge Time (min):**	NS
Sample Appearance:	NS	**Odors Observed:**	NS

Analytical Laboratory:
Date Shipped:
Analyses Requested:
NA

Notes: No Sampled, well blocked at 7.12'

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1
Turbidity: ±10% ORP: ±10 mV
Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-12	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	9.65	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	9.78	**Groundwater Elevation (ft):**	-0.13
Depth to Bottom (ft):	12.23	**Bottom Elevation (ft):**	-2.58
Height of Water Column (ft):	2.45	**Well Diameter (in):**	2
Standing Water Volume (gal):	0.40	**Calculated Purge Volume (gal):**	2.77
Sample Date:	3/22/2024	**Begin Purge Time:**	16:00
Sample Time:	16:35	**Complete Purge Time:**	16:35
Purge Method:	Low-Flow	**Sample Method:**	Low-Flow
Purge Rate (mL/min):	300	**Purge Time (min):**	35
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	
Date Shipped:	3/22/2024		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. 80.3			
16:00	11.90	7.70	0.668	-102	8.93	80.3			
16:05	13.-9	7.64	0.633	-70	0.00	13.6			
16:10	13.23	7.60	0.630	-62	0.00	10.4			
16:15	13.36	7.62	0.628	-58	0.00	7.2			
16:20	13.37	7.60	0.625	-51	0.00	6.8			
16:20	13.42	7.60	0.623	-48	0.00	4.7			
16:25	13.40	7.59	0.621	-43	0.00	5			
16:30	13.43	7.59	0.618	-40	0.00	4.3			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-13	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	9.89	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	8.78	**Groundwater Elevation (ft):**	1.11
Depth to Bottom (ft):	14.16	**Bottom Elevation (ft):**	-4.27
Height of Water Column (ft):	5.38	**Well Diameter (in):**	2
Standing Water Volume (gal):	0.88	**Calculated Purge Volume (gal):**	3.17
Sample Date:	3/22/2024	**Begin Purge Time:**	15:15
Sample Time:	15:50	**Complete Purge Time:**	15:50
Purge Method:	Low-Flow	**Sample Method:**	Low-Flow
Purge Rate (mL/min):	300	**Purge Time (min):**	40
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	None
Date Shipped:	3/22/2024		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			
15:15	13.49	7.35	1.000	-130	2.93	126			
15:20	13.79	7.25	1.010	-139	0.00	13.4			
15:25	13.72	7.28	0.977	-143	0.00	8.7			
15:30	13.50	7.33	0.883	-147	0.00	6			
15:35	13.41	7.42	0.832	-151	0.00	3			
15:40	13.35	7.45	0.812	-153	0.00	2.5			
15:45	13.27	7.45	0.813	-153	0.00	2.2			
15:50	13.34	7.46	0.802	-153	0.00	2			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-14	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	9.85	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	9.21	**Groundwater Elevation (ft):**	0.64
Depth to Bottom (ft):	12.64	**Bottom Elevation (ft):**	-2.79
Height of Water Column (ft):	3.43	**Well Diameter (in):**	2
Standing Water Volume (gal):	0.56	**Calculated Purge Volume (gal):**	2.31
Sample Date:	3/22/2024	**Begin Purge Time:**	13:35
Sample Time:	14:05	**Complete Purge Time:**	14:05
Purge Method:	Low-Flow	**Sample Method:**	Low-Flow
Purge Rate (mL/min):	250	**Purge Time (min):**	35
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	slight odor of oil
Date Shipped:	3/22/2024		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			
13:35	11.75	8.16	1.100	-62	1.40	725			
13:40	13.41	7.60	0.865	-87	0.00	90.8			
13:45	13.30	7.58	0.804	-89	0.00	31.2			
13:50	13.29	7.51	0.705	-81	0.00	10			
13:55	13.33	7.49	0.663	-76	0.00	5.4			
14:00	13.33	7.43	0.650	-72	0.00	4.3			
14:05	13.34	7.41	0.649	-66	0.00	3.8			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-15	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	2.49	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	3.96	**Groundwater Elevation (ft):**	-1.47
Depth to Bottom (ft):	4.98	**Bottom Elevation (ft):**	-2.49
Height of Water Column (ft):	1.02	**Well Diameter (in):**	1
Standing Water Volume (gal):	0.04	**Calculated Purge Volume (gal):**	0.04
Sample Date:	3/22/2024	**Begin Purge Time:**	14:30
Sample Time:	14:50	**Complete Purge Time:**	14:50
Purge Method:	Low Flow	**Sample Method:**	Low Flow
Purge Rate (mL/min):	250	**Purge Time (min):**	25
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	Well located in basement, slight odor of oil
Date Shipped:	3/22/2024		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			
14:30	12.94	7.76	1.030	-68	0.00	73.6			
14:35	14.02	7.98	1.050	-174	0.00	34.6			
14:40	14.44	7.93	0.979	-243	6.38	13.4			
14:45	14.64	7.92	0.929	-260	6.24	12.6			
14:50	14.68	7.91	0.904	-269	0.00	11.8			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-16	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	10.25	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NS
Depth to Water (ft):	NS	**Groundwater Elevation (ft):**	NS
Depth to Bottom (ft):	NS	**Bottom Elevation (ft):**	NS
Height of Water Column (ft):	NS	**Well Diameter (in):**	1
Standing Water Volume (gal):	NS	**Calculated Purge Volume (gal):**	NS
Sample Date:	3/22/2024	**Begin Purge Time:**	NS
Sample Time:	NS	**Complete Purge Time:**	NS
Purge Method:	Low Flow	**Sample Method:**	Low Flow
Purge Rate (mL/min):	250	**Purge Time (min):**	NS
Sample Appearance:	NS	**Odors Observed:**	NS

Analytical Laboratory:
Date Shipped:
Analyses Requested:
N/A

Notes: Well dry. Not Sampled

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1
Turbidity: ±10% ORP: ±10 mV
Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-17	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	NM	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	9.76	**Groundwater Elevation (ft):**	NM
Depth to Bottom (ft):	11.21	**Bottom Elevation (ft):**	NM
Height of Water Column (ft):	1.45	**Well Diameter (in):**	4
Standing Water Volume (gal):	1.36	**Calculated Purge Volume (gal):**	1.06
Sample Date:	3/22/2024	**Begin Purge Time:**	12:55
Sample Time:	13:15	**Complete Purge Time:**	13:15
Purge Method:	Low-Flow	**Sample Method:**	Low-flow
Purge Rate (mL/min):	200	**Purge Time (min):**	20
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	Gray color, well dry before to take the sample, wait till recharge
Date Shipped:	3/22/22024		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			
12:55	12.03	7.38	1.880	-63	0.00	16.5			
13:00	11.30	7.89	1.980	-94	0.00	16.2			
13:05	11.15	8.13	1.760	-103	0.00	15.1			
13:10	11.07	8.23	1.650	-103	0.00	15.2			
13:15	11.06	8.24	1.620	-103	0.00	15.7			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	ML Well1 (15-20')	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	10.52	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	9.98	**Groundwater Elevation (ft):**	0.54
Depth to Bottom (ft):	22.16	**Bottom Elevation (ft):**	-11.64
Height of Water Column (ft):	12.18	**Well Diameter (in):**	1
Standing Water Volume (gal):	0.50	**Calculated Purge Volume (gal):**	1.59
Sample Date:	3/22/2024	**Begin Purge Time:**	11:05
Sample Time:	11:35	**Complete Purge Time:**	11:35
Purge Method:	Low-Flow	**Sample Method:**	Low-Flow
Purge Rate (mL/min):	200	**Purge Time (min):**	30
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	DUP-001 Collected
Date Shipped:	3/22/2024		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			
11:05	13.46	7.28	0.723	79	17.27	383			
11:10	14.48	7.24	1.090	97	4.13	88.3			
11:15	14.99	7.00	5.980	113	0.00	34.3			
11:20	15.64	7.09	27.780	-13	0.00	14			
11:25	16.47	7.41	41.800	-90	0.00	1.4			
11:30	16.35	7.48	42.300	-96	0.00	1.8			
11:35	16.29	7.53	42.400	-102	0.00	2.6			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	ML Well1 (35-40')	**Sampled By:**	AB
Site Address:	3140 Coney Island Ave.	**Project Manager:**	JLL
Project Name:	Former Brighton Cleaners	**Project Number:**	CIR2401

Relative TOC Elevation (ft):	NM	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NA	**Product Elevation (ft):**	NA
Depth to Water (ft):	9.68	**Groundwater Elevation (ft):**	NM
Depth to Bottom (ft):	44.25	**Bottom Elevation (ft):**	NM
Height of Water Column (ft):	34.57	**Well Diameter (in):**	1
Standing Water Volume (gal):	5.63	**Calculated Purge Volume (gal):**	1.32
Sample Date:	3/22/2024	**Begin Purge Time:**	11:55
Sample Time:	12:20	**Complete Purge Time:**	12:20
Purge Method:	Low-Flow	**Sample Method:**	Peristaltic
Purge Rate (mL/min):	200	**Purge Time (min):**	25
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	PACE	**Notes:**	
Date Shipped:	3/22/2024		
Analyses Requested:			
VOC			

Field Indicator Parameters

Time	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)	Turb. (NTU)			
11:55	14.94	8.03	6.800	-116	2.21	51.6			
12:00	15.27	8.14	2.770	-103	3.00	39.2			
12:05	15.71	7.92	1.600	-78	1.51	35.3			
12:10	15.91	7.48	1.590	-70	0.00	20.1			
12:15	15.93	7.38	1.650	-69	0.00	19.1			
12:20	16.13	72.29	1.680	-69	0.00	21.6			

Take readings every 5 minutes until well stabilized

- Flow Rate - between 200-500 mL/min
- NM = Not Measured
- Stabilized Parameters

Temperature: ±3% pH: ±0.1

Turbidity: ±10% ORP: ±10 mV

Conductivity: ±3% DO: ±10%

APPENDIX C

ANALYTICAL REPORT

Lab Number:	L2415943
Client:	P. W. Grosser 630 Johnson Avenue Bohemia, NY 11716
ATTN:	Michael Pecoraro
Phone:	(631) 589-6353
Project Name:	CIR2401
Project Number:	Not Specified
Report Date:	04/04/24

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #A24920).

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

Project Name: CIR2401
Project Number: Not Specified

Lab Number: L2415943
Report Date: 04/04/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415943-01	EFFLUENT	SOIL_VAPOR	3140 CONEY ISLAND AVE.	03/22/24 10:15	03/22/24

Project Name:	CIR2401	**Lab Number:**	L2415943
Project Number:	Not Specified	**Report Date:**	04/04/24

Case Narrative

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

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

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

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

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

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

Project Name:	CIR2401	**Lab Number:**	L2415943
Project Number:	Not Specified	**Report Date:**	04/04/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on March 21, 2024. The canister certification data is provided as an addendum.

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: 04/04/24

AIR

Project Name: CIR2401 ***Lab Number:*** L2415943

Project Number: Not Specified ***Report Date:*** 04/04/24

SAMPLE RESULTS

Lab ID: L2415943-01
Client ID: EFFLUENT
Sample Location: 3140 CONEY ISLAND AVE.

Date Collected: 03/22/24 10:15
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/02/24 20:26
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.461	0.200	--	2.28	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	0.219	0.200	--	1.23	1.12	--		1
Isopropanol	0.501	0.500	--	1.23	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	2.35	0.200	--	9.32	0.793	--		1

Project Name: CIR2401
Project Number: Not Specified

Lab Number: L2415943
Report Date: 04/04/24

SAMPLE RESULTS

Lab ID: L2415943-01
Client ID: EFFLUENT
Sample Location: 3140 CONEY ISLAND AVE.

Date Collected: 03/22/24 10:15
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.351	0.200	--	1.24	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	0.491	0.200	--	1.69	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	0.880	0.200	--	4.73	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	17.7	0.200	--	120	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: CIR2401 ***Lab Number:*** L2415943

Project Number: Not Specified ***Report Date:*** 04/04/24

SAMPLE RESULTS

Lab ID: L2415943-01
Client ID: EFFLUENT
Sample Location: 3140 CONEY ISLAND AVE.

Date Collected: 03/22/24 10:15
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	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	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	95		60-140

Project Name: CIR2401 **Lab Number:** L2415943

Project Number: Not Specified **Report Date:** 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/02/24 19:02

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1903995-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: CIR2401 **Lab Number:** L2415943

Project Number: Not Specified **Report Date:** 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/02/24 19:02

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1903995-4								
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: CIR2401
Project Number: Not Specified
Lab Number: L2415943
Report Date: 04/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/02/24 19:02

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1903995-4								
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	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CIR2401

Project Number: Not Specified

Lab Number: L2415943

Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1903995-3								
Dichlorodifluoromethane	94		-		70-130	-		
Chloromethane	92		-		70-130	-		
Freon-114	105		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	101		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethanol	91		-		40-160	-		
Vinyl bromide	74		-		70-130	-		
Acetone	96		-		40-160	-		
Trichlorofluoromethane	95		-		70-130	-		
Isopropanol	89		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	97		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	106		-		70-130	-		
Carbon disulfide	96		-		70-130	-		
Freon-113	100		-		70-130	-		
trans-1,2-Dichloroethene	94		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	98		-		70-130	-		
cis-1,2-Dichloroethene	97		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: CIR2401
Project Number: Not Specified

Lab Number: L2415943
Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1903995-3								
Ethyl Acetate	104		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
1,2-Dichloroethane	89		-		70-130	-		
n-Hexane	99		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	96		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	99		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	104		-		70-130	-		
4-Methyl-2-pentanone	103		-		70-130	-		
trans-1,3-Dichloropropene	106		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	101		-		70-130	-		
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	111		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CIR2401

Project Number: Not Specified

Lab Number: L2415943

Report Date: 04/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1903995-3								
Tetrachloroethene	104		-		70-130	-		
Chlorobenzene	103		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	114		-		70-130	-		
Styrene	107		-		70-130	-		
1,1,2,2-Tetrachloroethane	109		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	105		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
1,2,4-Trimethylbenzene	109		-		70-130	-		
Benzyl chloride	108		-		70-130	-		
1,3-Dichlorobenzene	111		-		70-130	-		
1,4-Dichlorobenzene	109		-		70-130	-		
1,2-Dichlorobenzene	108		-		70-130	-		
1,2,4-Trichlorobenzene	124		-		70-130	-		
Naphthalene	107		-		70-130	-		
Hexachlorobutadiene	119		-		70-130	-		

Project Name: CIR2401

Project Number:

Lab Number: L2415943

Report Date: 04/04/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2415943-01	EFFLUENT	765	6.0L Can	03/21/24	458700	L2414530-08	Pass	-29.2	-8.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/18/24 21:14
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

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

Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	88		60-140

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

Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/18/24 21:14
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2414530
Report Date: 04/04/24

Air Canister Certification Results

Lab ID: L2414530-08
Client ID: CAN 2354 SHELF 37
Sample Location:

Date Collected: 03/18/24 15:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	88		60-140

Project Name: CIR2401
Project Number: Not Specified

Lab Number: L2415943
Report Date: 04/04/24

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	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415943-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	CIR2401	**Lab Number:**	L2415943
Project Number:	Not Specified	**Report Date:**	04/04/24

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:	CIR2401	**Lab Number:**	L2415943
Project Number:	Not Specified	**Report Date:**	04/04/24

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:	CIR2401	**Lab Number:**	L2415943
Project Number:	Not Specified	**Report Date:**	04/04/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

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

Date Rec'd in Lab: 3/23/24

ALPHA Job #: L2415943

Client Information

Client: PW Grosser

Address: 630 Johnson Ave, Suite 7, Bohemia, NY, 11716

Phone: 631-664-8881

Fax:

Email: mpecoraro@pwgrosser.

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: QRZ401

Project Location: 3140 Coney Island Ave

Project #:

Project Manager: Michael Pecoraro

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15 VOCs	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
15943-01	Effluent	3/22/24	10:15	10:15	-29.2	-4.97	SV	AB		765	0137	X						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
Andrew Bellone / Pulsic	3/22/24	[signature] Pace	3/22/24 1640
[signature]	3/22/24 1947	Anthony Green	MAR 22 2024 2210
Anthony Green	3/23/24 0115	[signature]	3/23/24 0115
[signature]	3/23/24 0630	[signature]	3/23/24

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2415955
Client:	P. W. Grosser 630 Johnson Avenue Bohemia, NY 11716
ATTN:	Michael Pecoraro
Phone:	(631) 589-6353
Project Name:	CIR2401
Project Number:	CIR2401
Report Date:	03/28/24

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), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: CIR2401
Project Number: CIR2401

Lab Number: L2415955
Report Date: 03/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415955-01	MW-10	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 09:00	03/22/24
L2415955-02	ML1 (0-20)'	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 11:35	03/22/24
L2415955-03	ML1 (0-40)'	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 12:20	03/22/24
L2415955-04	MW-17	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 13:15	03/22/24
L2415955-05	MW-19	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 14:05	03/22/24
L2415955-06	MW-15	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 14:50	03/22/24
L2415955-07	MW-13	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 15:50	03/22/24
L2415955-08	DUPW1	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 00:00	03/22/24
L2415955-09	TRIP BLANK	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 00:00	03/22/24
L2415955-10	MW12	WATER	3140 CONEY ISLAND AVE, BROOKLYN, NY	03/22/24 16:35	03/22/24

Project Name:	CIR2401	**Lab Number:**	L2415955
Project Number:	CIR2401	**Report Date:**	03/28/24

Case Narrative

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

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

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

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

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

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

Project Name:	CIR2401	**Lab Number:**	L2415955
Project Number:	CIR2401	**Report Date:**	03/28/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2415955-02: The sample identified as "ML1 (0-20)"' on the chain of custody was identified as "MLWELL 1 (0-20)"' on the container label. At the client's request, the sample is reported as "ML1 (0-20)"'.

L2415955-03: The sample identified as "ML1 (0-40)"' on the chain of custody was identified as "MLWELL 1 (0-40)"' on the container label. At the client's request, the sample is reported as "ML1 (0-40)"'.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 03/28/24

ORGANICS

VOLATILES

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-01
Client ID: MW-10
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 09:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 14:23
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	0.61		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	0.12	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-01 Date Collected: 03/22/24 09:00

Client ID: MW-10 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.22	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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-01 Date Collected: 03/22/24 09:00

Client ID: MW-10 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-02
Client ID: ML1 (0-20)'
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 11:35
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 14:48
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	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-02 Date Collected: 03/22/24 11:35

Client ID: ML1 (0-20)' Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.28	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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.74	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.74	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-02 Date Collected: 03/22/24 11:35

Client ID: ML1 (0-20)' Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-03
Client ID: ML1 (0-40)'
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 12:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 15:12
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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-03 Date Collected: 03/22/24 12:20

Client ID: ML1 (0-40)' Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-03 Date Collected: 03/22/24 12:20

Client ID: ML1 (0-40)' Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-04
Client ID: MW-17
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 13:15
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 15:37
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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-04 Date Collected: 03/22/24 13:15

Client ID: MW-17 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-04 Date Collected: 03/22/24 13:15

Client ID: MW-17 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-05 D
Client ID: MW-19
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 14:05
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 16:01
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	34		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	8.6		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-05 D
Client ID: MW-19
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 14:05
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	14		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
Xylenes, Total	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	300		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	300		ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
Vinyl acetate	ND		ug/l	12	2.5	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	ND		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	ND		ug/l	6.2	1.8	2.5

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-05 D
Client ID: MW-19
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 14:05
Date Received: 03/22/24
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	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
p-Diethylbenzene	ND		ug/l	5.0	1.8	2.5
p-Ethyltoluene	ND		ug/l	5.0	1.8	2.5
1,2,4,5-Tetramethylbenzene	ND		ug/l	5.0	1.4	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-06
Client ID: MW-15
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 14:50
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 16:26
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	0.29	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.30	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-06 Date Collected: 03/22/24 14:50

Client ID: MW-15 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.88		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.95	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.95	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-06 Date Collected: 03/22/24 14:50

Client ID: MW-15 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.2	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	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-07
Client ID: MW-13
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 15:50
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 16:50
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	3.6		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.58		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	0.96	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-07 Date Collected: 03/22/24 15:50

Client ID: MW-13 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	14		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	14		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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-07 Date Collected: 03/22/24 15:50

Client ID: MW-13 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-08
Client ID: DUPW1
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 00:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 17:15
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	0.21	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-08 Date Collected: 03/22/24 00:00

Client ID: DUPW1 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.29	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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.73	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.73	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-08 Date Collected: 03/22/24 00:00

Client ID: DUPW1 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-09
Client ID: TRIP BLANK
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 00:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 17:40
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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-09 Date Collected: 03/22/24 00:00

Client ID: TRIP BLANK Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-09 Date Collected: 03/22/24 00:00

Client ID: TRIP BLANK Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-10
Client ID: MW12
Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY

Date Collected: 03/22/24 16:35
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/27/24 18:04
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	9.0		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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-10 Date Collected: 03/22/24 16:35

Client ID: MW12 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.1	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	2.1	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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

SAMPLE RESULTS

Lab ID: L2415955-10 Date Collected: 03/22/24 16:35

Client ID: MW12 Date Received: 03/22/24

Sample Location: 3140 CONEY ISLAND AVE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/27/24 09:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1902067-5					
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: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/27/24 09:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1902067-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: CIR2401 **Lab Number:** L2415955

Project Number: CIR2401 **Report Date:** 03/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/27/24 09:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1902067-5					
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	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401

Lab Number: L2415955
Report Date: 03/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1902067-3 WG1902067-4								
Methylene chloride	95		97		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	93		95		70-130	2		20
Carbon tetrachloride	92		94		63-132	2		20
1,2-Dichloropropane	95		98		70-130	3		20
Dibromochloromethane	91		92		63-130	1		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	100		98		70-130	2		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	87		88		62-150	1		20
1,2-Dichloroethane	89		91		70-130	2		20
1,1,1-Trichloroethane	95		92		67-130	3		20
Bromodichloromethane	93		95		67-130	2		20
trans-1,3-Dichloropropene	94		96		70-130	2		20
cis-1,3-Dichloropropene	96		95		70-130	1		20
1,1-Dichloropropene	100		97		70-130	3		20
Bromoform	88		91		54-136	3		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		98		70-130	2		20
Toluene	100		97		70-130	3		20
Ethylbenzene	97		98		70-130	1		20
Chloromethane	100		96		64-130	4		20
Bromomethane	94		92		39-139	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401

Lab Number: L2415955
Report Date: 03/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1902067-3 WG1902067-4								
Vinyl chloride	98		94		55-140	4		20
Chloroethane	95		95		55-138	0		20
1,1-Dichloroethene	98		96		61-145	2		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	95		92		70-130	3		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	99		97		70-130	2		20
Methyl tert butyl ether	92		92		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	92		90		70-130	2		20
1,2,3-Trichloropropane	96		94		64-130	2		20
Acrylonitrile	88		90		70-130	2		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	83		83		36-147	0		20
Acetone	81		83		58-148	2		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	88		88		63-138	0		20
Vinyl acetate	130		120		70-130	8		20
4-Methyl-2-pentanone	83		97		59-130	16		20
2-Hexanone	80		88		57-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401

Lab Number: L2415955
Report Date: 03/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1902067-3 WG1902067-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	92		95		70-130	3		20
1,3-Dichloropropane	95		98		70-130	3		20
1,1,1,2-Tetrachloroethane	97		96		64-130	1		20
Bromobenzene	96		98		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	100		99		70-130	1		20
1,2-Dibromo-3-chloropropane	85		90		41-144	6		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		99		70-130	1		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	88		92		70-130	4		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	95		96		70-130	1		20
1,2,4-Trichlorobenzene	97		99		70-130	2		20
1,3,5-Trimethylbenzene	100		99		64-130	1		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	96		96		56-162	0		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401
Lab Number: L2415955
Report Date: 03/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1902067-3 WG1902067-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	98		100		70-130	2		20
Ethyl ether	89		85		59-134	5		20
trans-1,4-Dichloro-2-butene	88		91		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	98		101		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401
Lab Number: L2415955
Report Date: 03/28/24

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): 01-10 QC Batch ID: WG1902067-6 WG1902067-7 QC Sample: L2415955-01 Client ID: MW-10												
Methylene chloride	ND	10	9.9	99		10	100		70-130	1		20
1,1-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
Chloroform	ND	10	9.8	98		10	100		70-130	2		20
Carbon tetrachloride	ND	10	9.4	94		11	110		63-132	16		20
1,2-Dichloropropane	ND	10	11	110		10	100		70-130	10		20
Dibromochloromethane	ND	10	9.8	98		9.8	98		63-130	0		20
1,1,2-Trichloroethane	ND	10	10	100		11	110		70-130	10		20
Tetrachloroethene	0.61	10	10	94		11	104		70-130	10		20
Chlorobenzene	ND	10	9.9	99		10	100		75-130	1		20
Trichlorofluoromethane	ND	10	9.3	93		9.6	96		62-150	3		20
1,2-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
1,1,1-Trichloroethane	ND	10	10	100		10	100		67-130	0		20
Bromodichloromethane	ND	10	10	100		10	100		67-130	0		20
trans-1,3-Dichloropropene	ND	10	9.8	98		10	100		70-130	2		20
cis-1,3-Dichloropropene	ND	10	9.9	99		10	100		70-130	1		20
1,1-Dichloropropene	ND	10	10	100		11	110		70-130	10		20
Bromoform	ND	10	9.9	99		10	100		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	12	120		12	120		67-130	0		20
Benzene	ND	10	10	100		11	110		70-130	10		20
Toluene	ND	10	10	100		11	110		70-130	10		20
Ethylbenzene	ND	10	10	100		11	110		70-130	10		20
Chloromethane	ND	10	11	110		11	110		64-130	0		20
Bromomethane	ND	10	6.8	68		7.6	76		39-139	11		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401
Lab Number: L2415955
Report Date: 03/28/24

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): 01-10 QC Batch ID: WG1902067-6 WG1902067-7 QC Sample: L2415955-01 Client ID: MW-10												
Vinyl chloride	0.12J	10	11	110		11	110		55-140	0		20
Chloroethane	ND	10	9.9	99		10	100		55-138	1		20
1,1-Dichloroethene	ND	10	10	100		10	100		61-145	0		20
trans-1,2-Dichloroethene	ND	10	10	100		11	110		70-130	10		20
Trichloroethene	0.22J	10	9.9	99		10	100		70-130	1		20
1,2-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,3-Dichlorobenzene	ND	10	9.8	98		10	100		70-130	2		20
1,4-Dichlorobenzene	ND	10	9.9	99		10	100		70-130	1		20
Methyl tert butyl ether	ND	10	10	100		11	110		63-130	10		20
p/m-Xylene	ND	20	20	100		21	105		70-130	5		20
o-Xylene	ND	20	21	105		21	105		70-130	0		20
cis-1,2-Dichloroethene	ND	10	10	100		11	110		70-130	10		20
Dibromomethane	ND	10	9.9	99		9.9	99		70-130	0		20
1,2,3-Trichloropropane	ND	10	11	110		11	110		64-130	0		20
Acrylonitrile	ND	10	10	100		10	100		70-130	0		20
Styrene	ND	20	20	100		21	105		70-130	5		20
Dichlorodifluoromethane	ND	10	9.9	99		9.9	99		36-147	0		20
Acetone	ND	10	11	110		9.7	97		58-148	13		20
Carbon disulfide	ND	10	11	110		11	110		51-130	0		20
2-Butanone	ND	10	10	100		11	110		63-138	10		20
Vinyl acetate	ND	10	13	130		13	130		70-130	0		20
4-Methyl-2-pentanone	ND	10	11	110		11	110		59-130	0		20
2-Hexanone	ND	10	10	100		10	100		57-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401
Lab Number: L2415955
Report Date: 03/28/24

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): 01-10 QC Batch ID: WG1902067-6 WG1902067-7 QC Sample: L2415955-01 Client ID: MW-10												
Bromochloromethane	ND	10	11	110		11	110		70-130	0		20
2,2-Dichloropropane	ND	10	8.9	89		9.5	95		63-133	7		20
1,2-Dibromoethane	ND	10	10	100		11	110		70-130	10		20
1,3-Dichloropropane	ND	10	10	100		11	110		70-130	10		20
1,1,1,2-Tetrachloroethane	ND	10	9.9	99		10	100		64-130	1		20
Bromobenzene	ND	10	9.9	99		10	100		70-130	1		20
n-Butylbenzene	ND	10	10	100		10	100		53-136	0		20
sec-Butylbenzene	ND	10	10	100		11	110		70-130	10		20
tert-Butylbenzene	ND	10	10	100		11	110		70-130	10		20
o-Chlorotoluene	ND	10	9.9	99		10	100		70-130	1		20
p-Chlorotoluene	ND	10	9.9	99		10	100		70-130	1		20
1,2-Dibromo-3-chloropropane	ND	10	9.9	99		10	100		41-144	1		20
Hexachlorobutadiene	ND	10	9.7	97		10	100		63-130	3		20
Isopropylbenzene	ND	10	10	100		11	110		70-130	10		20
p-Isopropyltoluene	ND	10	10	100		10	100		70-130	0		20
Naphthalene	ND	10	11	110		12	120		70-130	9		20
n-Propylbenzene	ND	10	10	100		11	110		69-130	10		20
1,2,3-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,2,4-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3,5-Trimethylbenzene	ND	10	10	100		11	110		64-130	10		20
1,2,4-Trimethylbenzene	ND	10	10	100		10	100		70-130	0		20
1,4-Dioxane	ND	500	420	84		460	92		56-162	9		20
p-Diethylbenzene	ND	10	10	100		10	100		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CIR2401
Project Number: CIR2401
Lab Number: L2415955
Report Date: 03/28/24

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): 01-10 QC Batch ID: WG1902067-6 WG1902067-7 QC Sample: L2415955-01 Client ID: MW-10												
p-Ethyltoluene	ND	10	10	100		11	110		70-130	10		20
1,2,4,5-Tetramethylbenzene	ND	10	10	100		11	110		70-130	10		20
Ethyl ether	ND	10	9.7	97		9.9	99		59-134	2		20
trans-1,4-Dichloro-2-butene	ND	10	9.3	93		9.6	96		70-130	3		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		93		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	96		99		70-130
Toluene-d8	97		97		70-130

Project Name: CIR2401
Project Number: CIR2401

Lab Number: L2415955
Report Date: 03/28/24

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(*)
L2415955-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01A1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01A2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01B1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01B2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01C1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-01C2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-04A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-04B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-04C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-05A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-05B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-05C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-06A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-06B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: CIR2401
Project Number: CIR2401

Lab Number: L2415955
Report Date: 03/28/24

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2415955-06C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-07A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-07B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-07C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-08A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-08B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-08C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-09A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-09B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-10A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-10B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2415955-10C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	CIR2401	**Lab Number:**	L2415955
Project Number:	CIR2401	**Report Date:**	03/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	CIR2401	**Lab Number:**	L2415955
Project Number:	CIR2401	**Report Date:**	03/28/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	CIR2401	**Lab Number:**	L2415955
Project Number:	CIR2401	**Report Date:**	03/28/24

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:	CIR2401	**Lab Number:**	L2415955
Project Number:	CIR2401	**Report Date:**	03/28/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

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

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

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

Page 1 of 1

Date Rec'd in Lab: 3/23/24

ALPHA Job #: L2415955

Client Information
Client: JW Gleeson
Address: 634 Johnson Ave, Suite 7, Bohemia NY 11716
Phone: 631-669-2001
Fax:
Email: MPecoraro@jwgleeson.com

Project Information
Project Name: CIR 2401
Project Location: 3640 Coney Island Ave.
Project #
(Use Project name as Project #) ☒
Project Manager: Michael Pecoraro
ALPHAQuote #:

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

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

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS
TAL VOC, EPA 8260.

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

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		Sample Specific Comments
15955 01	MW10 MS/MSD	3/22/24	900	GW	AB	X	
02	MW (0-20)'		1135	GW		X	
03	MW1 (0-40)'		1220			X	
04	MW17		1315			X	
05	MW14		1405			X	
06	MW15		1450			X	
07	MW13		1552			X	
08	DUP1		—			X	
09	Trip blank		—			X	
10	MW12		1635	GW	AB	X	

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

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Andrea Billard Pace	3/22/24 1640	Pace	3/22/24 1640
	3-22-24 1947	Anthony Green MAR 22 2024	2354
Anthony Green	3/23/24 0115		3/23/24 0115
	3/23/24 0330 0230		3/23/24 0320

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

Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX D

Monthly System Performance Log

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

Inspector's Name: Andres Ballares

Inspection Time: 09:45

Inspection Date: 3/22/2024

Weather Conditions: Sunny 27-42 F; win 10mph NNW

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	20	" W.C.
FI-701	0*	CFM
VI-MS	-33	" W.C.
VI-703	45	" W.C.
TI-701	69	ºF
PI-701	0*	" W.C.
PI-702	0*	" W.C.
Hours	68146.7	Hours

Groundwater Monitoring

Well	DTP (ft)	DTW (ft)	DTB (ft)
MW-10	NA	8.56	12.94
MW-11	NA	NS	NS
MW-12	NA	9.78	12.23
MW-13	NA	8.78	14.16
MW-14	NA	9.21	12.64
MW-15	NA	3.96	4.98
MW-16	NA	NS	NS
ML-Well1 (15-20')	NA	9.98	22.16
MW-17	NA	9.76	11.21
ML-Well1 (35-40')	NA	9.68	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)	-0.019	-0.030	-0.035	-0.054	-0.044	-0.265	-0.021	-0.022	-0.074	-0.030	-0.071	-0.020

Vapor Sample Information

Location	PID (ppm)	Start Time	Start Vacuum	End Time	End Vacuum	Sample ID	Notes
Pre-Moisture Separator	NS	NS	NS	NS	NS	Influent	Not Sampled
Post-Treatment	NS	10:15	-29.2	10:15	-4.92	Effluent	None

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

All legs appear to be operating.

Comments:

None

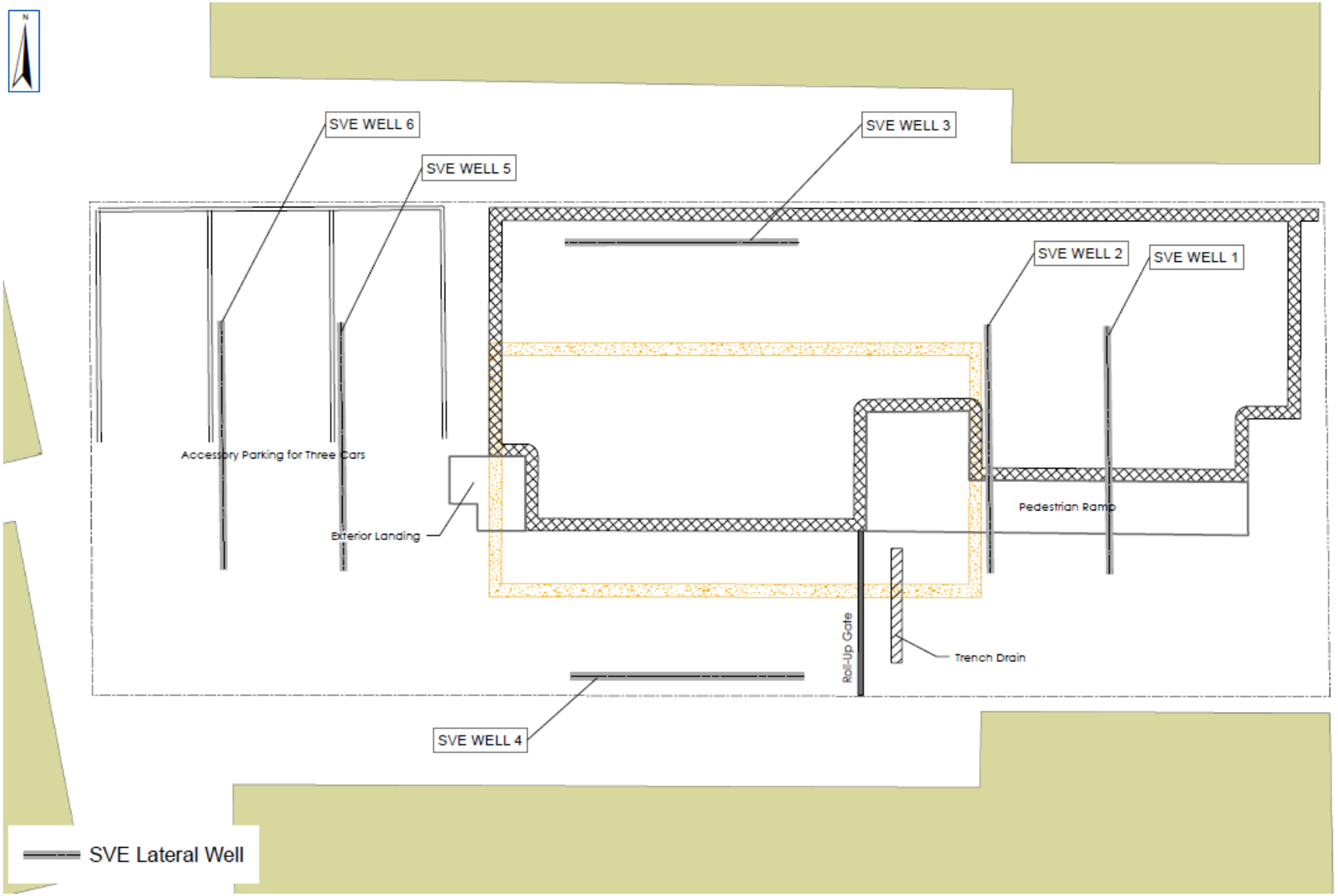
Items to be Addressed / Fixed: Three gauges appear to be broken

Monthly System Performance Log

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157

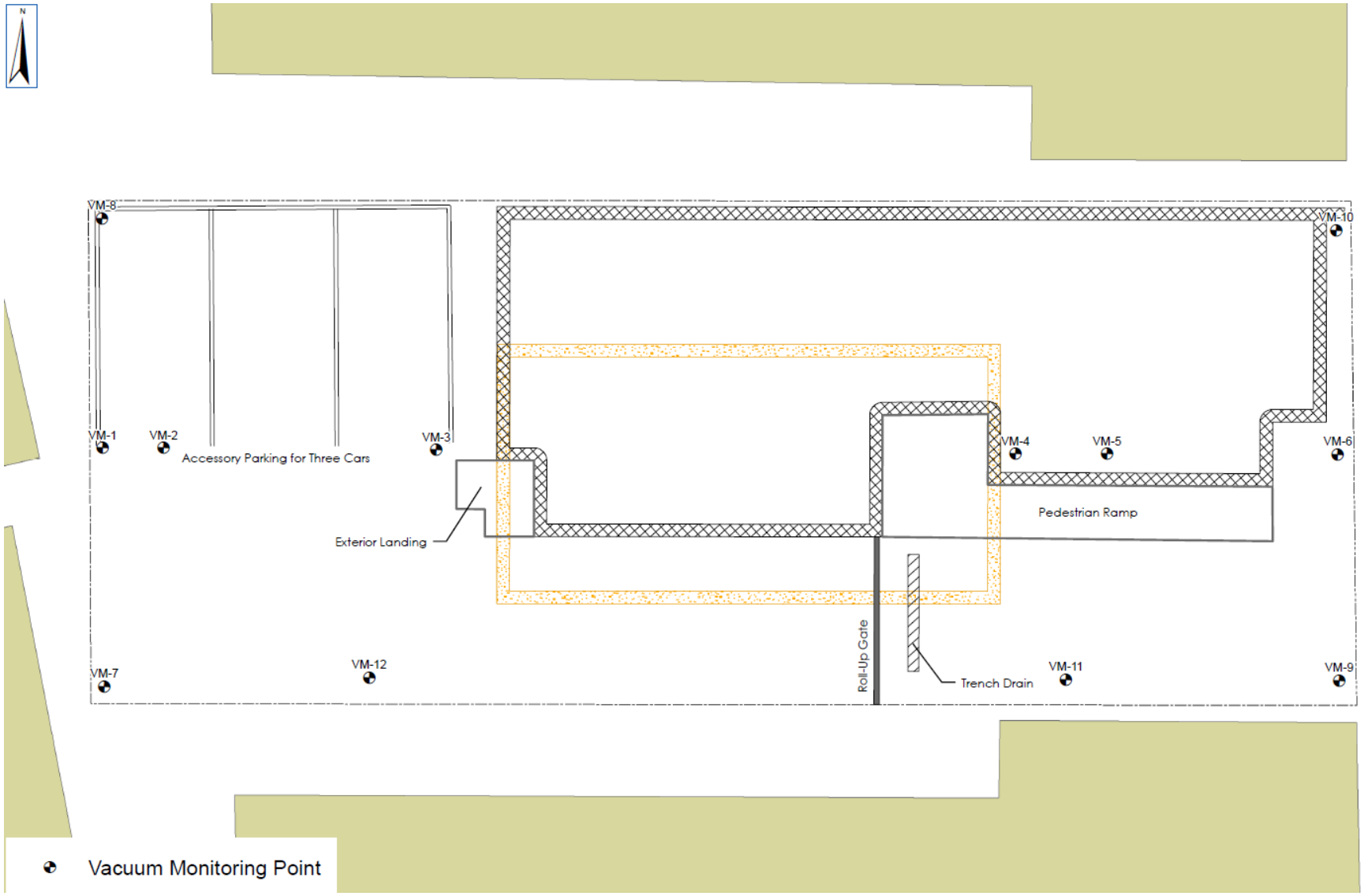


Monthly System Performance Log

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157

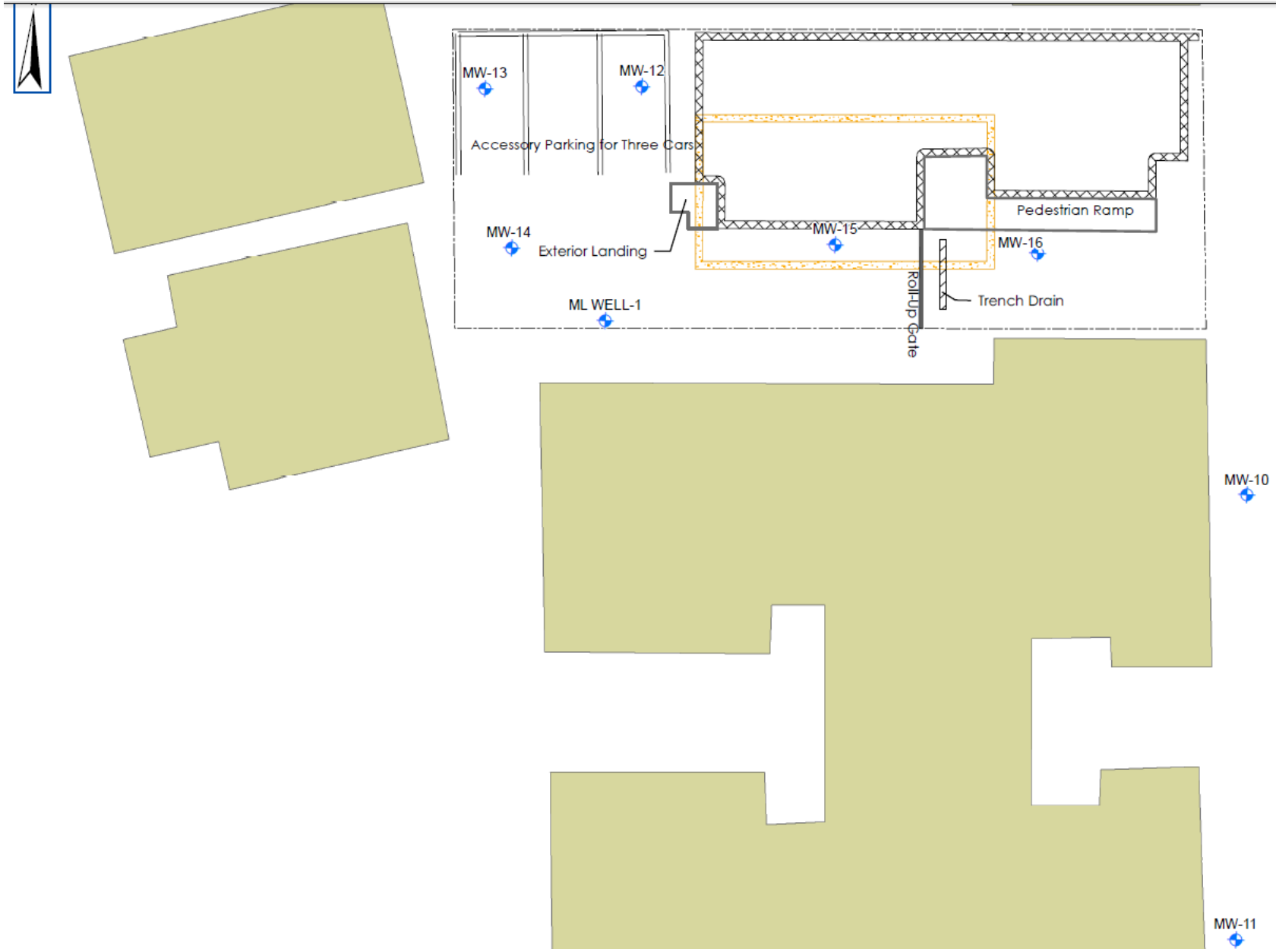


Monthly System Performance Log

Former Brighton Cleaners

3140 Coney Island Ave, Brooklyn, NY

NYSDEC BCP #C224157

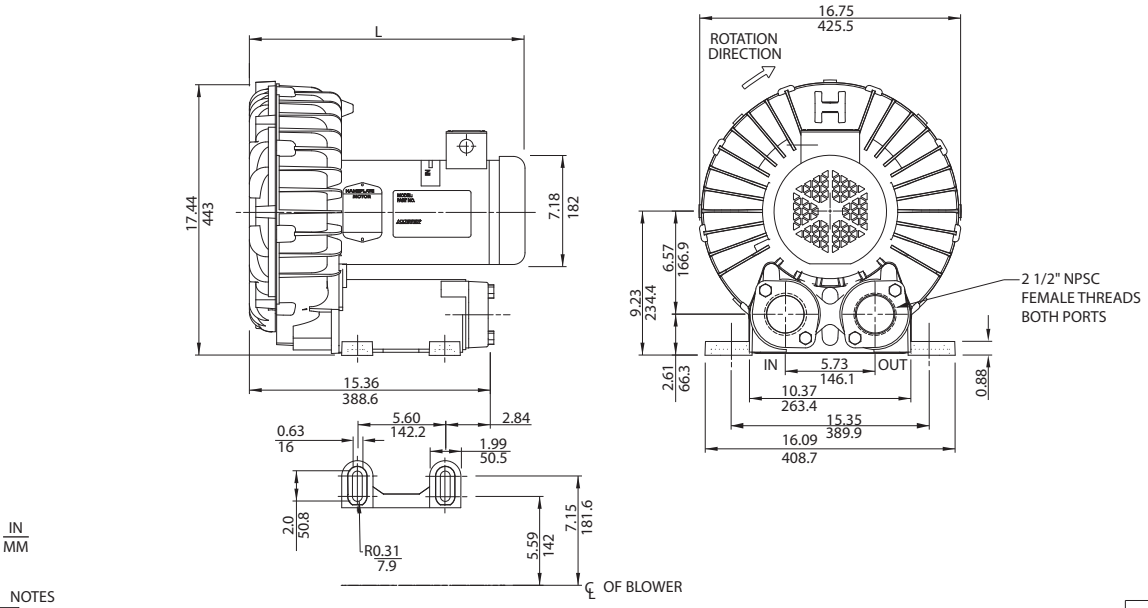


APPENDIX E

EN 757 & CP 757

ROTRON®

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

		Part/ Model Number				
		EN757M72XL	EN757M86XL	EN757F72XL	CP757FW72XLR	CP757FU72XLR
Specification	Units	081176	081177	081174	081180	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	158	158	158	158	158
	Kg	71.7	71.7	71.7	71.7	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

AMETEK TECHNICAL & INDUSTRIAL PRODUCTS
75 North Street, Saugerties, NY 12477
USA: +1 215-256-6601 - Europe: +44 (0) 845 366 9664 - Asia: +86 21 5763 1258
Customer Service Fax: +1 215.256.1338
www.ametektip.com

AMETEK® TECHNICAL & INDUSTRIAL PRODUCTS

Environmental / Chemical Processing Blowers

EN 757 & CP 757

ROTRON®

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

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

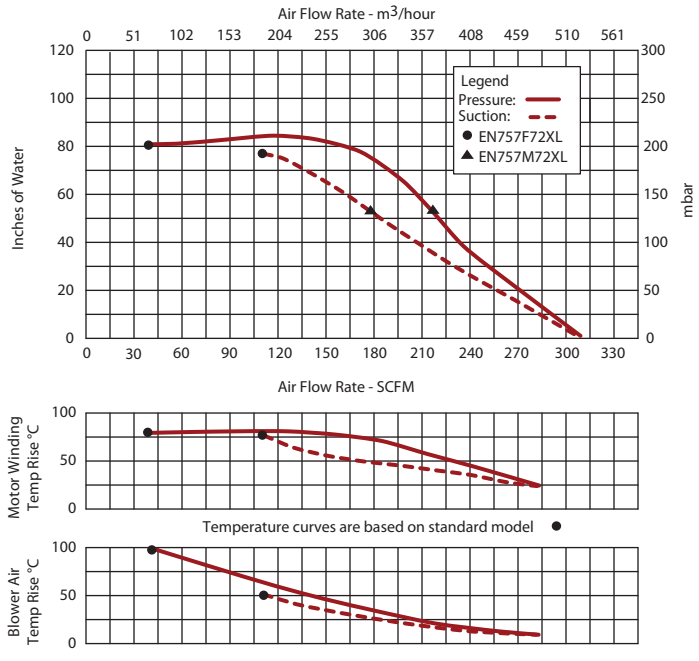
- Corrosion resistant surface treatments & sealing options
- Remote drive (motorless) models
- Slip-on or face flanges for application-specific needs

ACCESSORIES

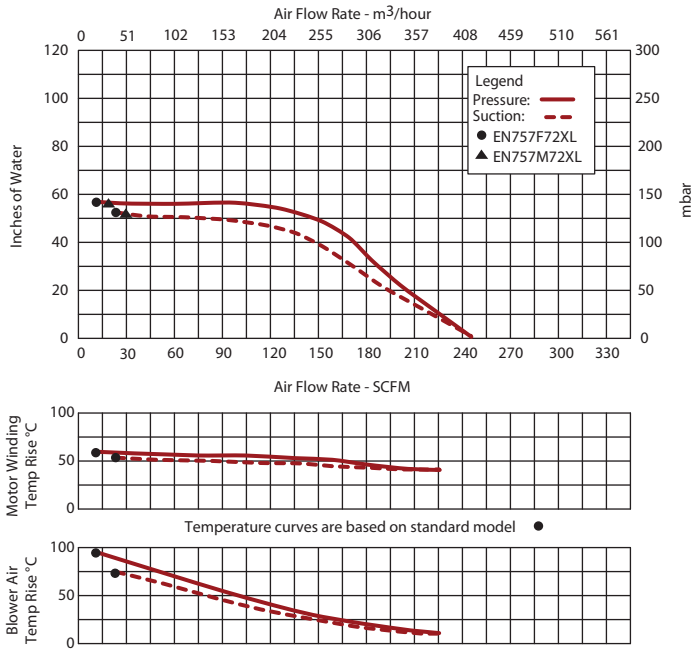
- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges, & relief valves
- Switches - air flow, pressure, vacuum, or temperature
- External mufflers for additional silencing
- Air knives (used on blow-off applications)
- Variable frequency drive package

Blower Performance at Standard Conditions

60 Hz



50 Hz



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