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. C224264

Site Name Former NY Cleaning and Dyeing Site

Site Address: 376-378 FLUSHING AVENUE Zip Code: 11205
City/Town: Brooklyn
County: Kings
Site Acreage: 0.882

Reporting Period: December 21, 2020 to April 23, 2022

	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? Unrestricted, Residential, 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.

_____ _____

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information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

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

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

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. C224264 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
1884-40	Flushing & Little Nassau LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

Imposition of an institutional control in the form of environmental easement for the controlled property which will:
-require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and/or engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for unrestricted use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- require compliance with the Department approved Site Management Plan.

1884-48	Flushing & Little Nassau LLC	IC/EC Plan Ground Water Use Restriction Monitoring Plan Site Management Plan

Imposition of an institutional control in the form of environmental easement for the controlled property which will:
-require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and/or engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for unrestricted use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- require compliance with the Department approved Site Management Plan.

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

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. C224264

Box 6

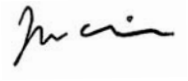
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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 Zelig Weiss (print name) at 266 Broadway, Suite 301 Brooklyn, NY 11211 (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

5/22/22
Date

FORMER NY CLEANING AND DYEING SITE
376-378 FLUSHING AVENUE, BROOKLYN, NEW YORK 11205

PERIODIC REVIEW REPORT

NYSDEC BCP Number: C224264

Submitted to:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
47-40 21st Street
Long Island City, NY 11101-5407

Prepared by:

AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

REPORTING PERIOD:

DECEMBER 21, 2020 TO APRIL 23, 2022

CERTIFICATION

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

(a) 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 DER;

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

(c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;

(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.

Name (Printed): Ariel Czemerinski

Signature:

Date: 6/30/22

CERTIFICATION

TABLE OF CONTENTS
PERIODIC REVIEW REPORT
(December 21, 2020 to April 23, 2022)
376-378 Flushing Avenue, Brooklyn, New York 11205

Contents

TABLES

FIGURES

APPENDICES

I. EXECUTIVE SUMMARY

AMC Engineering, PLLC (AMC) has prepared the following Periodic Review Report (PRR) for the time period of December 21, 2020 to April 23, 2022 (reporting period), for the properties located at 376-378 Flushing Avenue in Brooklyn, New York 11205 under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by the New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with the Brownfield Cleanup Agreement (BCA) #C224264-01-18.

Remedial Action at the Site performed previously under a Remedial Action Work Plan, included the removal of 24 existing USTs; excavation across the Site to a depth of 25 feet below grade to meet Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and applicable protection of groundwater SCOs; additional excavation where UUSCO exceedances were detected beyond 25ft bg; and removal of groundwater contamination through dewatering activities during excavation.

Primary chemicals of concern in groundwater at the site were petroleum-related VOCs including benzene and n-Propylbenezene. The Site Management Plan specifies quarterly groundwater sampling from two off-Site monitoring wells (MW1-MW2). For the current reporting period, the monitoring wells were sampled in January 2021, June 2021, October 2021, December 2021 and March 22, 2022.

Overall, the total VOC concentration decreased during this reporting period. The highest concentrations of total VOCs in groundwater were reported in MW-1 (158.3 µg/L) in January 2021 with the highest concentrations consisting of n-propylbenzene (60 µg/L). The total VOC concentrations in MW-1 reduced to 65.01 µg/L in December 2021 and 109.6 µg/L in March 2022.

On March 22, 2022, EBC mobilized onsite to conduct a site inspection for the Monitoring Plan. The monitoring wells MW-1 and MW-2 were inspected and the associated concrete pads, well covers and well casings were found to be in good condition.

The Site Management Plan (SMP) specifies quarterly groundwater sampling from two off-Site monitoring wells (MW-1 and MW-2). The February 10, 2022 letter from the Department approved the request to discontinue groundwater monitoring from the monitoring well identified as MW-2, therefore

no groundwater sampling was completed from MW-2 after 4Q2021. An updated SMP will be submitted to the Department to reflect the removal of groundwater monitoring from MW-2 from the Monitoring Plan as an institutional control.

II. SITE OVERVIEW

A. Site Location

The Site is located at 376-378 Flushing Avenue, Bedford Stuyvesant section of Brooklyn, Kings County, New York and is identified as Block 1884 and Lots 40 and 48 on the Brooklyn Tax Map (see **Figure 1** - Location Map). The Site is an approximately 0.882-acre area and is located on the southwest side of the intersection of Flushing Avenue to the north, Little Nassau Street to the south, Franklin Avenue and a three-story commercial building to the east, and a residential apartment building to the west (see **Figure 2 –** Site Layout Map). The Site is now developed with three new 8-story commercial and residential apartment building. Site occupants will include a retail/commercial space and residential lobby on the first floor. Floors 2 through 8 will contain residential apartments.

Prior to implementation of the Remedial Action Work Plan, petroleum-impacted soil was present throughout both lots at depths 15 to 22 feet below surface grade and in shallow soil (0-10 ft) in the vicinity of the two former USTs on Lot 40 and the former UST area on Lot 48 as well as the southern portion of Lot 48. Fill materials were present throughout the site to depths to approximately 12-14 ft below grade. SVOCs including benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthrancene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene as well as the metals arsenic, barium, lead and mercury were reported above Restricted Residential use soil cleanup objectives (SCOs) in several of the shallow soil samples collected.

Groundwater was encountered approximately 9 to 13 feet below grade elevation. Petroleum related VOCs were detected in all four groundwater samples collected on-site. Petroleum related VOC concentrations ranged from 262 µg/L (GW4) to 3,280 µg/L (GW5). Benzene was detected in three of the groundwater samples. A 1.4-inch thick layer of free-phase product was detected in the water column sample in GW5. The highest concentrations of petroleum related VOCs were detected in GW5, which was located in the area of the former UST on Lot 48. No chlorinated VOCs were detected in any of the groundwater samples. SVOC and metal parameters were detected throughout the Site, with the highest concentrations located along the northern portion of Lot 48.

B. Site Chronology

The Remedial Action for the Site was performed in accordance with the remedy selected by the NYSDEC in the Remedial Action Work Plan dated May 2018, and the Decision Document dated May 7, 2018. The selected remedy achieved a Conditional Track 1 Cleanup and included the following items:

- Removal of underground storage tanks;
- Excavation of soil/fill exceeding Track 1 Unrestricted Use SCOs and/or the applicable protection of groundwater SCOs as listed in Table 1 of the FER to a depth of 25 feet below grade;
- Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work;
- Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of unrestricted SCOs and groundwater standards;
- Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State, and local rules and regulations for handling, transport, and disposal;
- Import of materials to be used for backfill and cover in compliance with 6NYCRR Part 375-6.7(d)(1): (1) chemical limits and other specifications included in Table 1 of the FER (2) all Federal, State and local rules and regulations for handling and transport of material;
- Excavation dewatering to allow for remedial excavation. All dewatering fluids were treated and disposed of in accordance with the NYS LIWP Equivalent and NYC DEP permits;
- Develop and implementation of a Site Management Plan (SMP) for short term (less than 5 years) management of remaining groundwater contamination as required by the Environmental Easement, which includes plans for: (1) Institutional Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;
- Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site;

- Periodic certification of the institutional controls listed above;
- On November 3, 2020, an Environmental Easement was recorded against the Site with the City Register on December 2, 2020 to ensure implementation of the SMP.

Monitoring wells MW-1 and MW-2 were installed on the sidewalk immediately downgradient from the site for groundwater monitoring. MW-1, formerly known as MR-1P, was constructed by MRCE and MW-2 was constructed by Big Apple Group. MW-1 is a 2-inch diameter PVC monitoring well installed to a depth of 23ft with 5ft of screen. MW-2 is a 2-inch diameter PVC monitoring well installed to a depth of 28 ft with 18ft of screen. Since groundwater was encountered at approximately 9-13 feet below grade, the well intersected the water table.

As part of continuing groundwater monitoring activities outlined in the SMP, MW-1 and MW-2 were originally selected as the representative wells. However, because MW-1 was not screened at the water table, groundwater sampling through this well would not have been representative of groundwater conditions. Therefore, on July 9, 2021, MW-1 was reinstalled as part of the SMP such that it is screened at the water table. The MW-1 replacement well is a 2-inch diameter PVC monitoring well installed to a depth of 20ft with 15ft of screen.

III. REMEDY PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS

Remedial Action at the Site performed previously under a Remedial Action Work Plan, included the removal of 24 existing USTs; excavation across the Site to a depth of 25 feet below grade to meet Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and applicable protection of groundwater SCOs; additional excavation where UUSCO exceedances were detected beyond 25ft bg; and removal of groundwater contamination through dewatering activities during excavation.

Groundwater

The Site Management Plan (SMP) specifies quarterly groundwater sampling from two off-Site monitoring wells (MW-1 and MW-2). Monitoring wells MW-1 and MW-2 were installed on the sidewalk immediately downgradient from the site for groundwater monitoring. Groundwater monitoring activities to assess bulk reduction in site-related VOC concentrations will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be consistently below ambient water quality standards, the site SCGs, or have become asymptotic at an acceptable level over an extended period.

Baseline groundwater samples were collected on June 25, 2019 and indicated exceedances of benzene (1.8 µg/L), chloroform (16 µg/L), and chloromethane (16 µg/L) in MW2. There were no exceedances in MW1.

VOC concentrations of 2-Isopropyltoluene (12µg/L), isopropylbenzene (24µg/L), n-Propylbenzene (14µg/L), and sec-Butylbenzene (27µg/L) were detected in the groundwater sample from the monitoring well MW1 collected on April 3, 2020 after excavation was completed, in slight exceedance of AWQS. No other VOCS were detected in the groundwater sample. There were no exceedances measured in the groundwater sample for MW2.

Another round of sampling was completed on September 4, 2020 in accordance with the proposed SMP sampling schedule. VOC concentrations of 2-Isopropyltoluene (9.7µg/L), benzene (1.5µg/L), isopropylbenzene (17µg/L), n-Propylbenzene (11µg/L), and sec-Butylbenzene (24µg/L) were detected in the groundwater sample from the monitoring well MW-1. There were no exceedances detected in

the groundwater sample for MW-2. **Table 1 and Table 2** summarize the results of all samples of groundwater that exceed the SCGs before and after completion of the remedial action.

Groundwater Monitoring under the SMP was performed on a quarterly basis during this reporting period. To assist in the evaluation of VOCs in groundwater, sum total values are provided in **Table 1 and Table 2** for VOCs, chlorinated VOCs and petroleum VOCs for all sampled monitoring wells. Additionally, all figures from the groundwater quarterly sampling results are included in the **Figures** section of this report. Copies of groundwater purge logs are included in the Quarterly reports within **Appendix B.**

As shown in Tables 1 and 2, the highest concentration of total VOCs in groundwater were reported in MW-1

Quarterly Sampling Results

MW-1

The total VOC concentration decreased from the baseline pre-dewatering result of 26570 µg/L in GW5 to 109.60 µg/L in the first quarter of 2022. During this reporting period, 2-Isopropyltoluene (max. 13 µg/L), Isopropylbenzene (max. 37 µg/L), n-Propylbenzene (max. 60 µg/L) and sec-Butylbenzene (max. 36 µg/L) were reported above AWQS. Total VOC concentrations during this reporting period decreased from 158.3 µg/L in 1Q21 to 109.60 µg/L in the 1Q22.

MW-2

Groundwater results from MW-2 demonstrated bulk reduction in site-related VOC concentrations and were found to be consistently below ambient water quality standards during the reporting period.

On January 12, 2022, AMC Engineering PLLC on behalf of Rose Castle Redevelopment II LLC (the Volunteer) submitted the "SMP Monitoring Well Q42021 Groundwater Sampling Results" letter to the Department in which cessation of future groundwater monitoring at the Site was requested. The February 10, 2022 Groundwater Monitoring Response letter from the Department approved the request

to discontinue groundwater monitoring from the monitoring well identified as MW-2, therefore no groundwater sampling was completed from MW-2 after 4Q2021. An updated SMP will be submitted to the Department to reflect the removal of groundwater monitoring from MW-2 from the Monitoring Plan as an institutional control. A copy of the Groundwater Monitoring Response letter is included in **Appendix C.**

IV. IC / EC PLAN COMPLIANCE REPORT

A. IC Requirements and Compliance

1.0 IC Controls

A series of Institutional Controls (ICs) is required by the Decision Document to: (1) prevent future exposure to remaining contamination; and (2) limit the use and development of the site to Unrestricted Uses only. Adherence to these ICs on the Site is required by the Environmental Easement and will be implemented under this SMP. ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. There ICs are:

- The property may be used for: Unrestricted Use;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the department;
- Groundwater and other environmental or public health monitoring must be performed as identified in the SMP;
- Data and information pertinent to site management must be reported at the frequency and in a matter defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified in the Environmental Easement
- The potential for vapor instruction must be evaluated for any buildings developed in the area within the IC boundaries, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the Site are prohibited

It should be noted that this site achieved a conditional Track 1. The site was excavated boundary line to boundary line, approximately 12 feet below the groundwater table to a total of 25 feet below ground surface. The building is a zero-lot line building, therefore soil gas or vapors are not expected to intrude into the indoor spaces, as there is no room for these to form. The entire site is capped a with concrete cover as part of the building's construction. Furthermore, the entire sub-slab and behind the foundation walls are protected with a vapor barrier that is also a waterproofing membrane which will eliminate the potential for indoor air intrusion. Given these conditions, a soil vapor intrusion evaluation is not applicable because there is no potential for indoor soil vapor intrusion.

2.0 Status of each IC

Groundwater Monitoring / Sampling

As part of continuing groundwater monitoring activities outlined in the SMP, MW-1 and MW-2 were originally selected as the representative wells. However, because MW-1 was not screened at the water table, groundwater sampling through this well would not have been representative of groundwater conditions. Therefore, on July 9, 2021, MW-1 was reinstalled as part of the SMP such that it is screened at the water table. The MW-1 replacement well is a 2-inch diameter PVC monitoring well installed to a depth of 20ft with 15ft of screen.

On January 12, 2022, AMC Engineering PLLC on behalf of Rose Castle Redevelopment II LLC (the Volunteer) submitted the "SMP Monitoring Well Q42021 Groundwater Sampling Results" letter to the Department in which cessation of future groundwater monitoring at the Site was requested. The February 10, 2022 Groundwater Monitoring Response letter from the Department approved the request to discontinue groundwater monitoring from the monitoring well identified as MW-2, therefore no groundwater sampling was completed from MW-2 after 4Q2021. An updated SMP will be submitted to the Department to reflect the removal of groundwater monitoring from MW-2 the Monitoring Plan as an institutional control.

An inquiry was made with the NYCDOF-OCR to confirm that the Environmental Easement, as described above, remains in place and has not been changed, revised or modified.

3.0 Corrective Measures

No deficiencies in the ICs were noted for the current time period; therefore, no corrective measures were required.

4.0 IC Conclusions and Recommendations

It is recommended that the Institutional Controls remain in place.

V. Monitoring Plan Compliance Report

A. Components of the Monitoring Plan

1.0 Monitoring Wells Associated with Monitored Bulk Asymptotic Attenuation

Groundwater monitoring activities to assess bulk asymptotic attenuation will continue, as determined by the NYSDEC with consultation from the NYSDOH, until residual groundwater concentrations are found to be consistently below ambient water quality standards, the site SCGs, or have become asymptotic at an acceptable level over an extended period. In the event that monitoring data indicates that monitoring for bulk asymptotic attenuation may no longer be required, a proposal to discontinue the system will be submitted by the remedial party. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. If groundwater contaminant levels become asymptotic at a level that is not acceptable to the NYSDEC, additional source removal, treatment and/or control measures will be evaluated.

2.0 Post-Remediation Media Monitoring and Sampling

Samples shall be collected from the existing monitoring wells on a routine quarterly basis until a bulk reduction to asymptotic concentrations has been demonstrated. Sampling locations, required analytical parameters, and schedule are provided in **Table 4** – Post Remediation Sampling Requirements and Schedule below. Modification to the frequency or sampling requirements will require approval from the NYSDEC.

Table 4. Post Remediation Sampling Requirements and Schedule

Sampling Location	Analytical Parameters	Schedule
	VOCs (EPA Method 8260 C)	
MW-1	X	Quarterly
MW-2	X	Quarterly

B. Summary of Monitoring Completed During Reporting Period

Groundwater Monitoring under the SMP was performed on a quarterly basis during this reporting period. Quarterly groundwater sampling during this reporting period was performed in January 2021, June 2021, October 2021 December 2021 and March 2022. To assist in the evaluation of VOCs in groundwater, sum total values are provided in **Table 1 and Table 2** and **Graph 1 and Graph 2** for VOCs, chlorinated VOCs and petroleum VOCs for all sampled monitoring wells. Additionally, all figures from groundwater sampling results are included in the **Figures** section of this report. Copies of groundwater purge logs are included in the Quarterly Reports within Appendix B.

C. Comparisons with Remedial Objectives

MW1 - The total VOC concentration decreased from the baseline pre-dewatering result of 26570 µg/L in GW5 to 109.60 µg/L in the first quarter of 2022. During this reporting period, 2-Isopropyltoluene (max. 13 µg/L), Isopropylbenzene (max. 37 µg/L), n-Propylbenzene (max. 60 µg/L) and sec-Butylbenzene (max. 36 µg/L) were reported above AWQS. Total VOC concentrations during this reporting period decreased from 158.3 µg/L in 1Q21 to 109.60 µg/L in the 1Q22.

MW2 - Groundwater results from MW-2 demonstrated bulk reduction in site-related VOC concentrations and were found to be consistently below ambient water quality standards during the reporting period.

D. Monitoring Deficiencies

MW-1 was required to be reinstalled such that it is screened at the water table. Due to access limitations caused by the scaffolding on Franklin Street, the installation could not occur until after the 2Q21 sampling event. Therefore, MW-1 was not sampled during 2Q21. Sampling of MW-1 resumed in 3Q21 to the present.

E. Conclusions and Recommendations for Changes

The February 10, 2022 Groundwater Monitoring Response letter from the Department approved the request to discontinue groundwater monitoring from the monitoring well identified as MW-2, therefore no groundwater sampling was completed from MW-2 after 4Q2021. Monitoring of MW-1 will be reevaluated after the next quarterly sampling event.

VI OPERATIONS & MAINTENANCE PLAN COMPLIANCE REPORT

A. Components of the O&M Plan

The Site Management Plan does not have an Operations and Maintenance Plan, as one was not needed. There are no ECs at the site.

VI. OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

B. Compliance with SMP

All requirements of the SMP were implemented during this PRR reporting period. In order to implement all of the SMP requirements, the following items were completed:

- Groundwater samples were collected from the off-Site monitoring wells on a routine quarterly basis.

- The ICs were inspected and the ICs were certified by the remedial engineer. There are no EC identified at the site.

C. Performance and Effectiveness of Remedy

Contamination in groundwater at the site has reached asymptotic levels following a bulk reduction in concentrations post-remediation.

D. Future PRR Submittals

The next PRR submittal will reflect the PRR reporting period of April 24, 2022 to April 24, 2023.

TABLES

Table 1
376-378 Flushing Avenue
Brooklyn, New York
MW-1 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	Baseline		During Dewatering				Post-Dewatering				Post-Dewatering Replacement MW					
		GW5		MW1				MW1				MW1 R					
		1/17/2017		6/25/2019		4/3/2020		9/4/2020		1/21/2021		10/1/2021		12/30/2021		3/22/2022	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1,1-Trichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1,2-Trichloroethane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1-Dichloropropene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichloropropane	0.04	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.50	0.50
1,2,4-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,4-Trimethylbenzene	5	**7,900**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2-Dibromo-3-chloropropane	0.04	< 50	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 1.0	1.0
1,2-Dibromoethane	0.0006	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3	< 0.25	0.25	< 0.25	0.25	< 0.50	0.50
1,2-Dichlorobenzene		< 25	25	**0.39**	1.0	**0.45**	1.0	**0.39**	1.0	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2-Dichloroethane	0.6	< 50	50	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 4.7	4.7	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0
1,2-Dichloropropane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**2,600**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,3-Dichlorobenzene	3	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,3-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,4-Dichlorobenzene		< 25	25	**0.45**	1.0	< 1.0	1.0	**0.29**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,4-Dioxane by SW8260C		-	-	< 100	100	< 100	100	< 100	100	< 500	500	< 100	100	< 100	100	< 200	200
1,4-Dioxane by SW8270DSIM		-	-	**0.56**	0.20	-	-	-	-	-	-	-	-	-	-	**-**	**-**
2,2-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2-Hexanone (Methyl Butyl Ketone)	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
2-Isopropyltoluene	5	**690**	25	**4.2**	1.0	**12**	1.0	**9.7**	1.0	**13**	5.0	**11**	1.0	**9.3**	1.0	**13**	2.0
4-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
4-Methyl-2-Pentanone		< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Acetone	50	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 10	10
Acrolein	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 25	25	**0.62**	0.70	**0.45**	0.70	**1.5**	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromochloromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromodichloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromoform	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 10	10
Bromomethane	5	**120**	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Carbon tetrachloride	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Chlorobenzene	5	< 25	25	**0.47**	5.0	< 5.0	5.0	**0.27**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 25	25	< 5.0	5.0	**0.36**	5.0	< 5.0	5.0	**5.5**	7.0	< 5.0	5.0	< 5.0	5.0	< 7.0	7.0
Chloromethane	5	< 25	25	**0.26**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
cis-1,3-Dichloropropene	0.4	< 25	25	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50
Dibromochloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Dibromomethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Dichlorodifluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Ethylbenzene	5	**890**	25	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Hexachlorobutadiene	0.5	< 20	20	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1,200**	25	**3**	1.0	**24**	1.0	**17**	1.0	**37**	5.0	**22**	1.0	**21**	1.0	**34**	2.0
m&p-Xylenes		**2,000**	100	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Methyl Ethyl Ketone (2-Butanone)	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Methyl t-butyl ether (MTBE)		< 100	100	< 1.0	1.0	< 1.0	1.0	**0.26**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Methylene chloride	5	< 100	100	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0
Naphthalene	10	**1,100**	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
n-Butylbenzene	5	**3,400**	25	**0.28**	1.0	**2.1**	1.0	**1.7**	1.0	**2.3**	5.0	**1.3**	1.0	**0.51**	1.0	**1.1**	2.0
n-Propylbenzene	5	**2,600**	25	**0.49**	1.0	**14**	1.0	**11**	1.0	**60**	5.0	**21**	1.0	**15**	1.0	**33**	2.0
o-Xylene	5	**390**	25	< 1.0	1.0	**0.34**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
p-Isopropyltoluene	5	**860**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
sec-Butylbenzene	5	**2,600**	25	**4.8**	1.0	**27**	1.0	**14**	1.0	**36**	5.0	**17**	1.0	**16**	1.0	**24**	2.0
Styrene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Tert-butyl alcohol		-	-	< 50	50	**11**	50	< 50	50	< 250	250	< 50	50	< 50	50	< 100	100
tert-Butylbenzene	5	**220**	25	**4.2**	1.0	**4.8**	1.0	**4.6**	1.0	**4.5**	5.0	**3.8**	1.0	**3.2**	1.0	**4.5**	2.0
Tetrachloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Tetrahydrofuran (THF)	50	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 10	10
Toluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	**0.52**	1.0	< 1.0	1.0	< 2.0	2.0
trans-1,2-Dichloroethene	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 25	25	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50
trans-1,4-dichloro-2-butene	5	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Trichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Trichlorofluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Trichlorotrifluoroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Vinyl Chloride	2	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
CVOCs		**0.00**		**1.18**		**0.36**		**0.56**		**5.50**		**0.00**		**0.00**		**0.00**	
PVOCs		**26570.00**		**18.54**		**96.42**		**60.45**		**152.80**		**76.62**		**65.01**		**109.60**	
Total VOCs		**26570**		**19.72**		**96.78**		**61.01**		**158.3**		**76.62**		**65.01**		**109.6**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 2
376-378 Flushing Avenue
Brooklyn, New York
MW-2 Groundwater Analytical Results
Volatile Organic Compounds

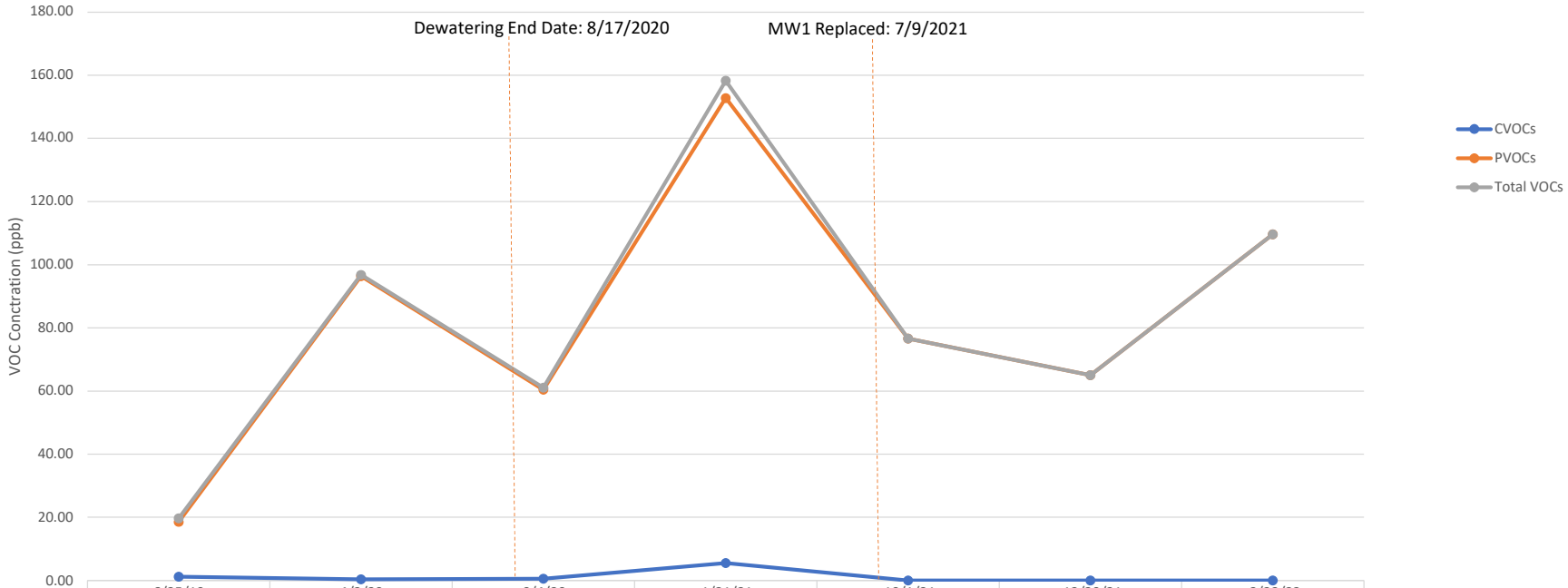
Compound	NYSDEC Groundwater Quality Standards	Baseline		During Dewatering				Post Dewatering									
		GW5		MW2				MW2									
		1/17/2017		6/25/2019		4/3/2020		9/4/2020		1/21/2021		6/30/2021		10/1/2021		12/30/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**7,900**	25	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 50	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 50	50	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**2,600**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		-	-	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		-	-	**0.65**	0.20	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**690**	25	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 250	250	**8.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 25	25	**1.8**	0.70	**0.36**	0.70	**0.66**	0.70	**1.1**	0.70	**0.38**	0.70	< 0.70	0.70	**0.45**	0.70
Bromobenzene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**120**	25	**0.51**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 50	50	< 1.0	1.0	**0.63**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 25	25	< 5.0	5.0	< 5.0	5.0	**0.44**	5.0	**1.6**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 25	25	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	< 25	25	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 25	25	**0.82**	1.0	**0.47**	1.0	**1.1**	1.0	**0.56**	1.0	**0.45**	1.0	**0.58**	1.0	**0.65**	1.0
cis-1,3-Dichloropropene	0.4	< 25	25	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**890**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 20	20	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1,200**	25	**2.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.33**	1.0	< 1.0	1.0
m&p-Xylenes		**2,000**	100	**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 100	100	< 1.0	1.0	**0.83**	1.0	**29**	2.0	**3.3**	1.0	**0.29**	1.0	**0.52**	1.0	**0.26**	1.0
Methylene chloride	5	< 100	100	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1,100**	100	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**3,400**	25	**1**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**2,600**	25	**2.8**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	**390**	25	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	**860**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**2,600**	25	**3.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.53**	1.0	< 1.0	1.0	**0.29**	1.0	< 1.0	1.0
Styrene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		-	-	< 50	50	< 50	50	**25**	50	**50**	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	**220**	25	**0.62**	1.0	**0.26**	1.0	**0.47**	1.0	**2**	1.0	**0.77**	1.0	**0.59**	1.0	**0.9**	1.0
Tetrachloroethene	5	< 25	25	**1.1**	1.0	**0.97**	1.0	**1.1**	1.0	**0.81**	1.0	**0.35**	1.0	**0.5**	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**3.9**	5.0	< 5.0	5.0
Toluene	5	< 25	25	**0.47**	1.0	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 25	25	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 25	25	**1.4**	1.0	**1.4**	1.0	**2**	1.0	**1**	1.0	**0.77**	1.0	**1.3**	1.0	**0.92**	1.0
Trichlorofluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
CVOCs		**0.00**		**35.32**		**2.84**		**4.64**		**4.29**		**1.57**		**2.38**		**1.57**	
PVOCs		**26570**		**25.92**		**2.08**		**56.60**		**56.93**		**1.44**		**5.63**		**1.61**	
Total VOCs		**26570**		**61.24**		**4.92**		**61.24**		**61.22**		**3.01**		**8.01**		**3.18**	

Notes:

RL - Reporting Limit

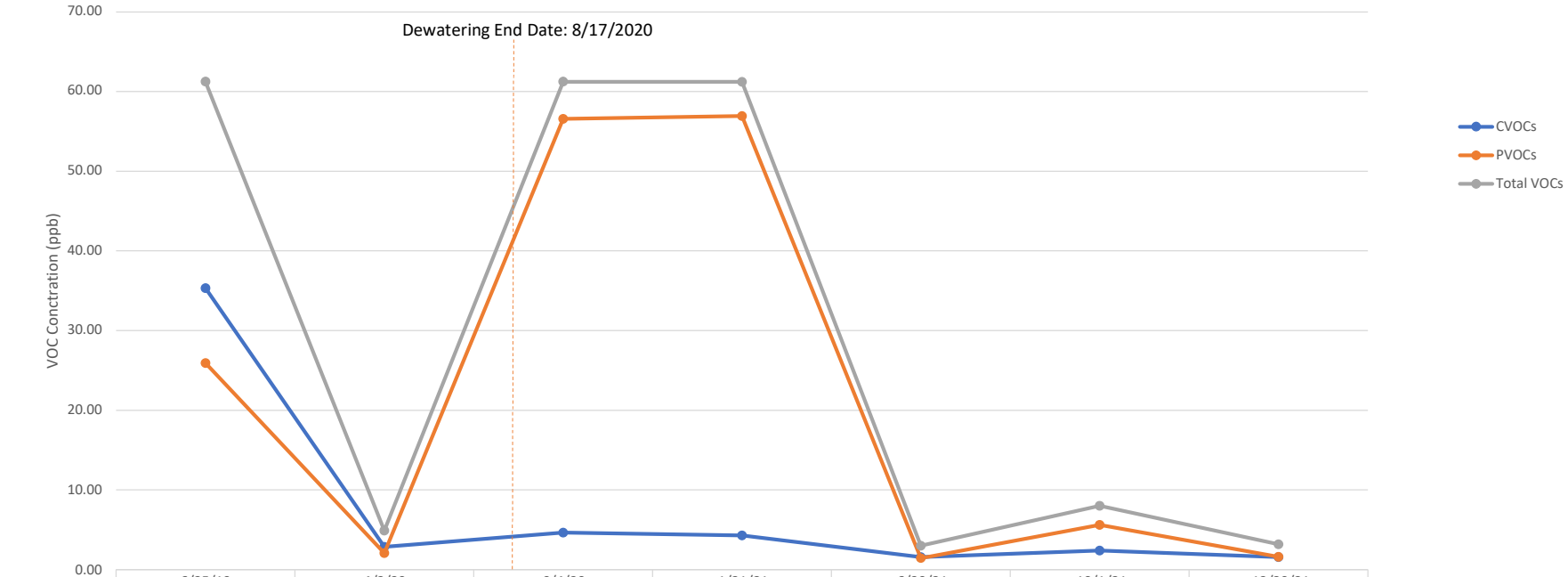
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Graph 1
MW1 VOCs
376-378 Flushing Avenue, Brooklyn NY
June 2019 - March 2022



	6/25/19	4/3/20	9/4/20	1/21/21	10/1/21	12/30/21	3/22/22
CVOCs	1.18	0.36	0.56	5.50	0.00	0.00	0.00
PVOCs	18.54	96.42	60.45	152.80	76.62	65.01	109.60
Total VOCs	19.72	96.78	61.01	158.3	76.62	65.01	109.6

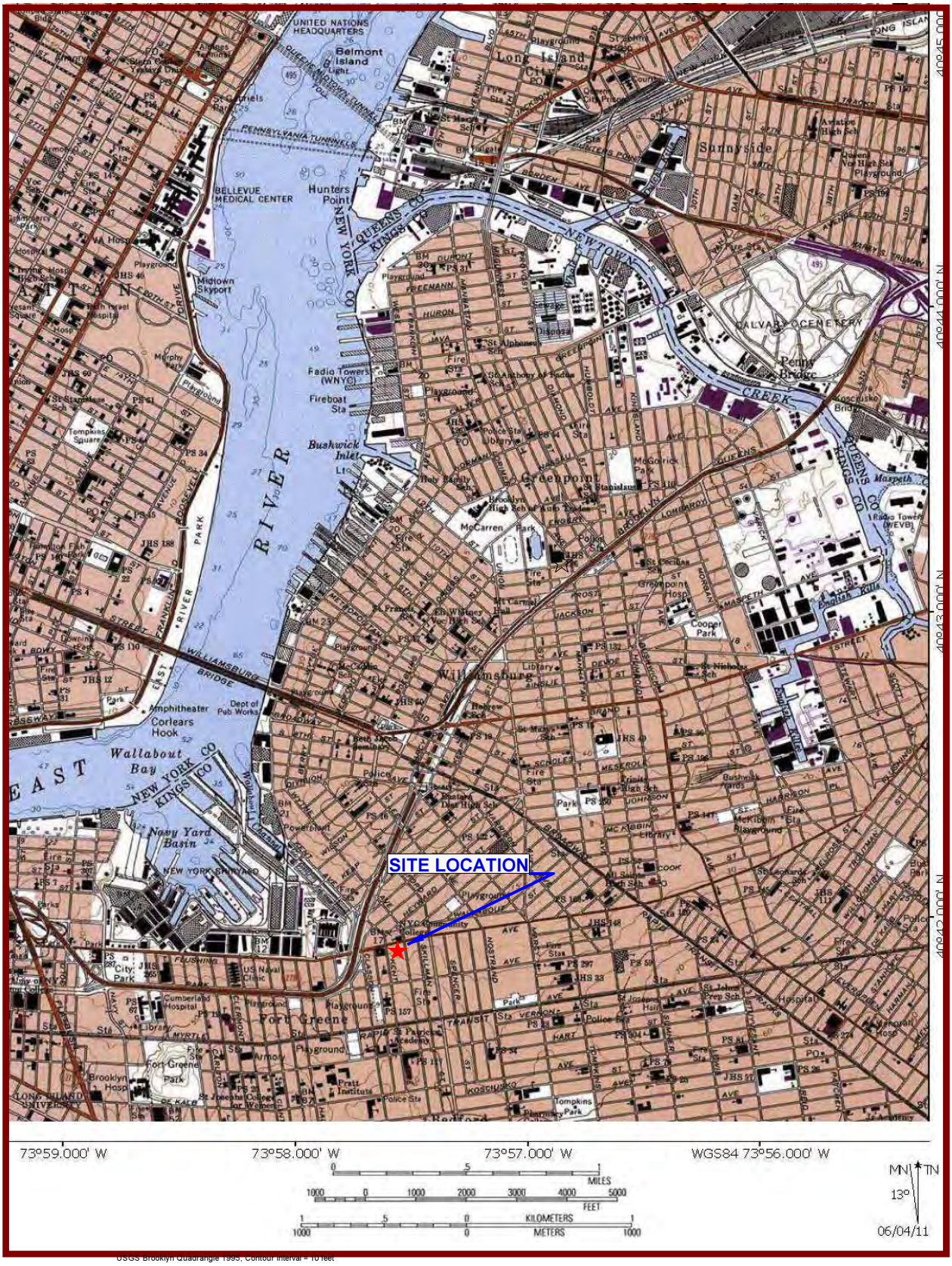
Graph 2
MW2 VOCs
376-378 Flushing Avenue, Brooklyn NY
June 2019 - December 2021



	6/25/19	4/3/20	9/4/20	1/21/21	6/30/21	10/1/21	12/30/21
CVOCs	35.32	2.84	4.64	4.29	1.57	2.38	1.57
PVOCs	25.92	2.08	56.60	56.93	1.44	5.63	1.61
Total VOCs	61.24	4.92	61.24	61.22	3.01	8.01	3.18

Date

FIGURES



USGS Brooklyn Quadrangle 1995; Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

376-378 FLUSHING AVENUE, BROOKLYN NY
BLOCK 1884 LOTS 40 AND 48

FIGURE 1 SITE LOCATION MAP

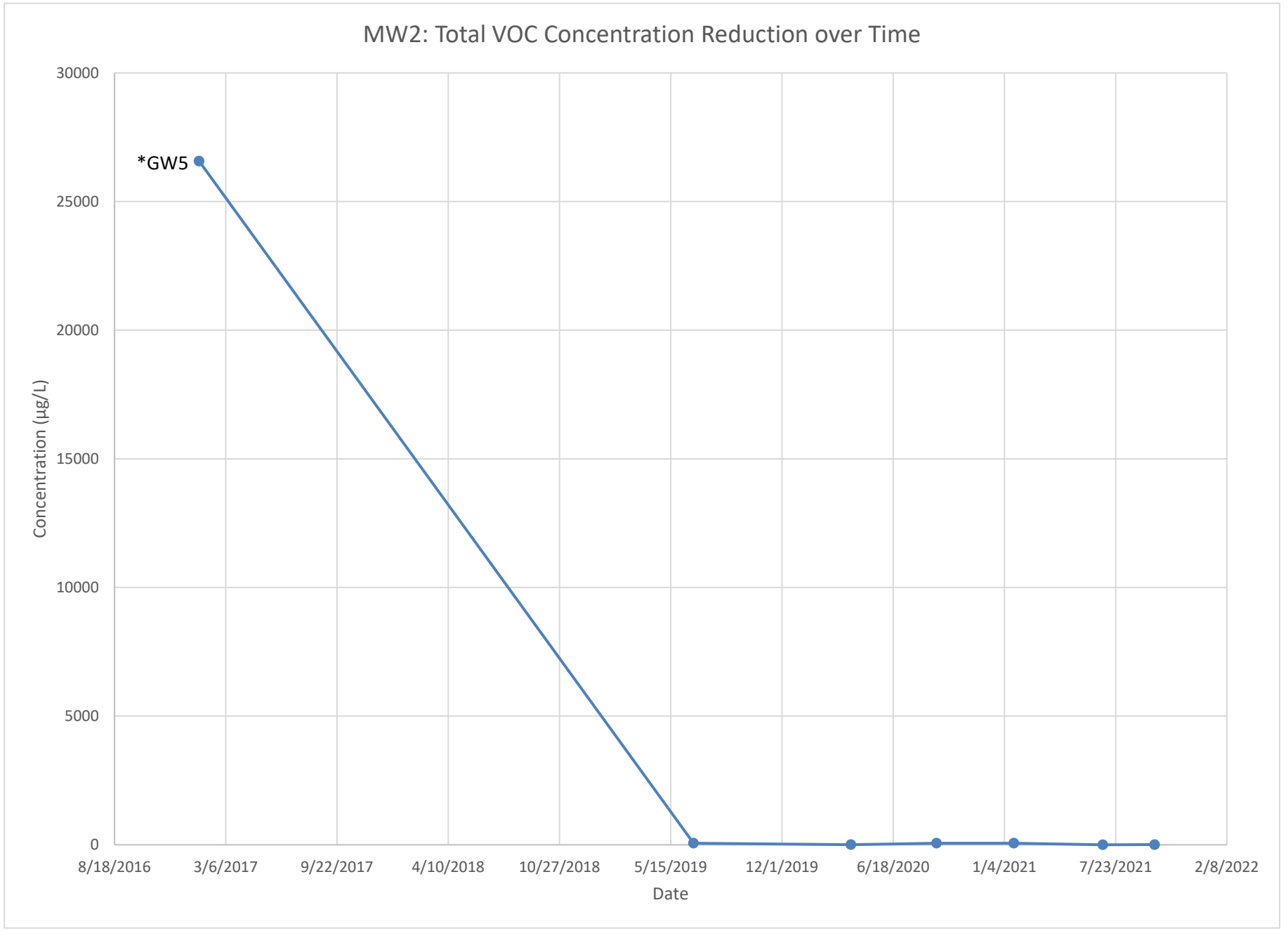
EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

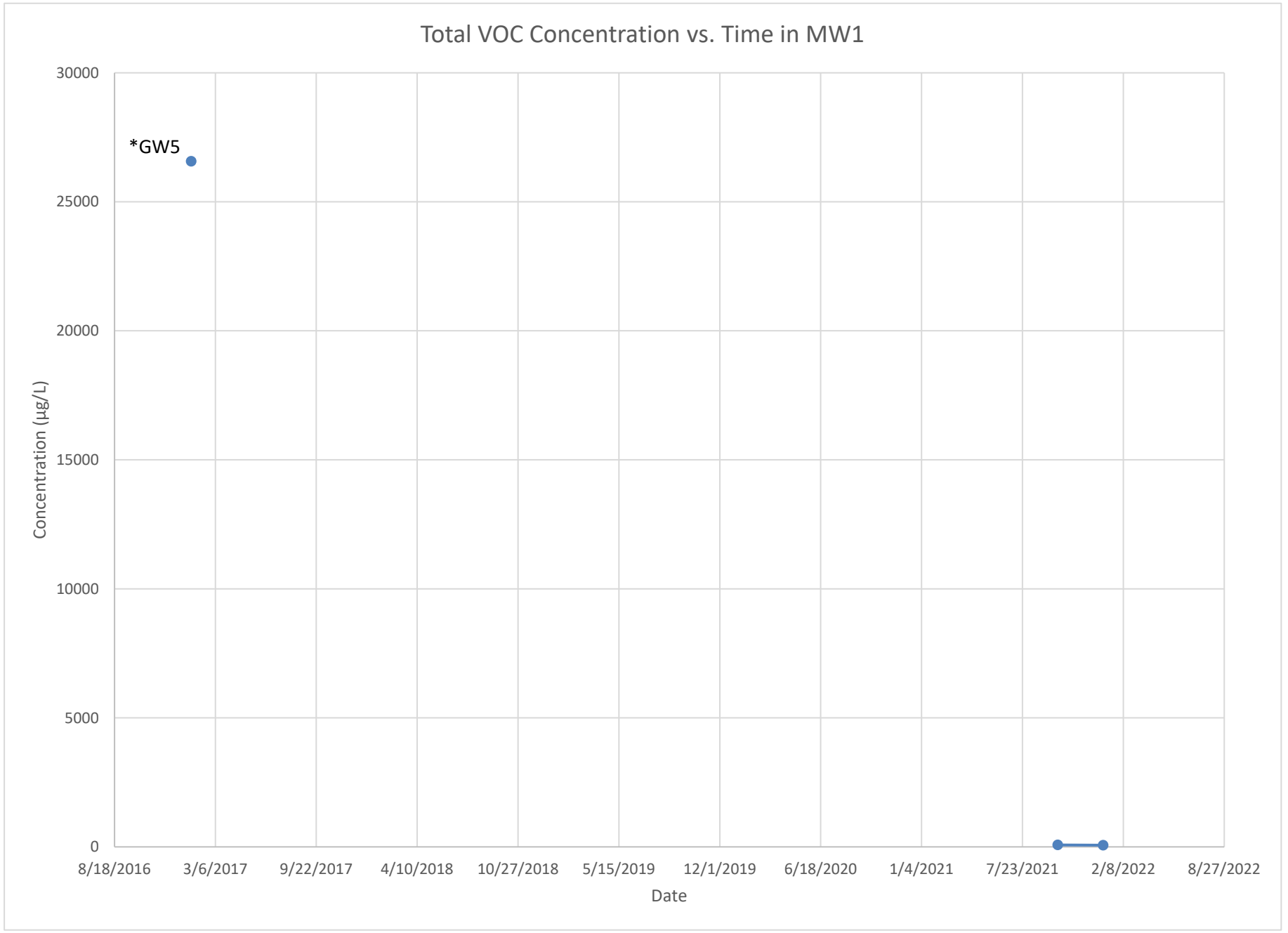
Figure No. 2

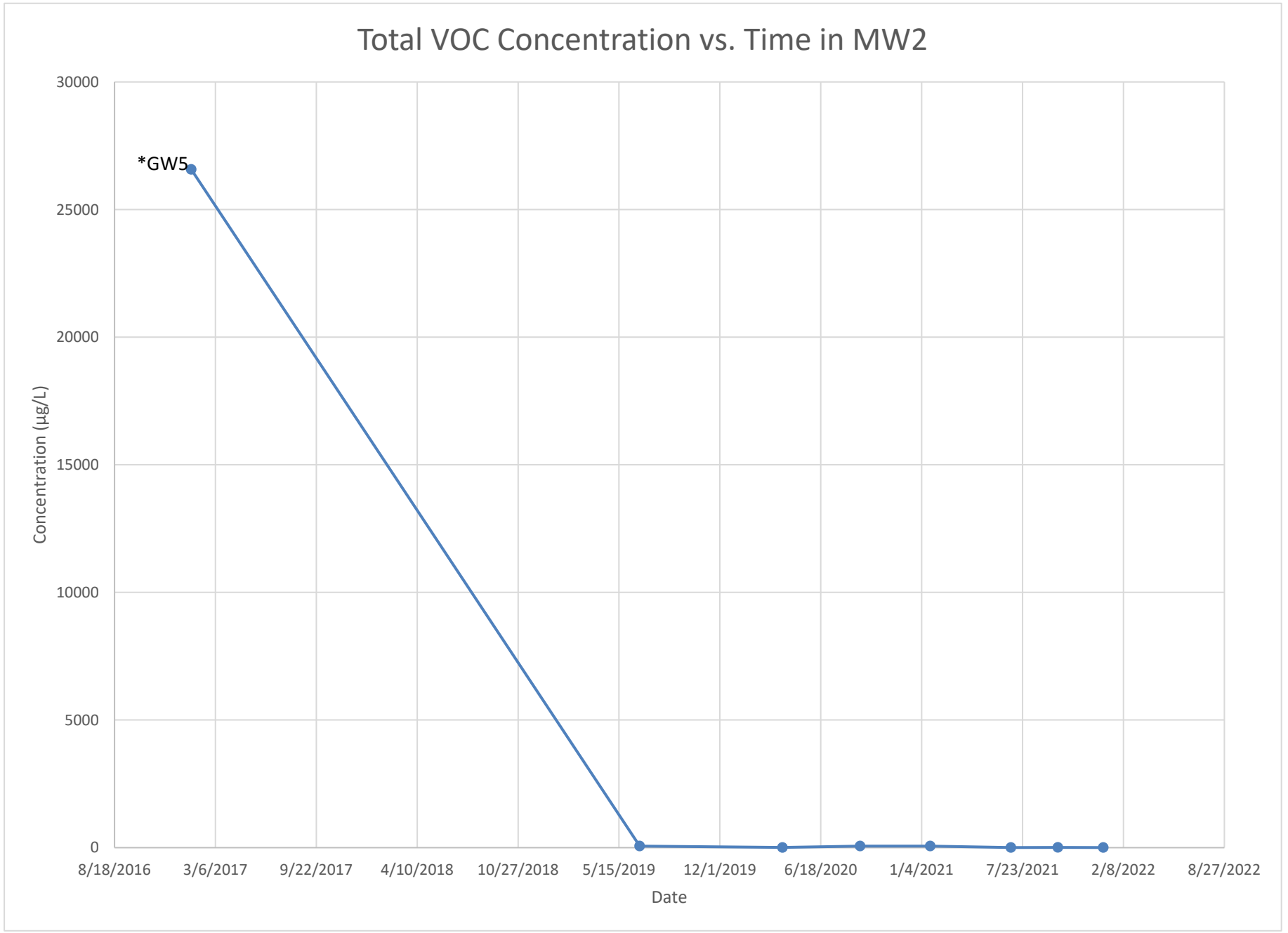
Site Name: Former NY Cleaning and Dyeing Site

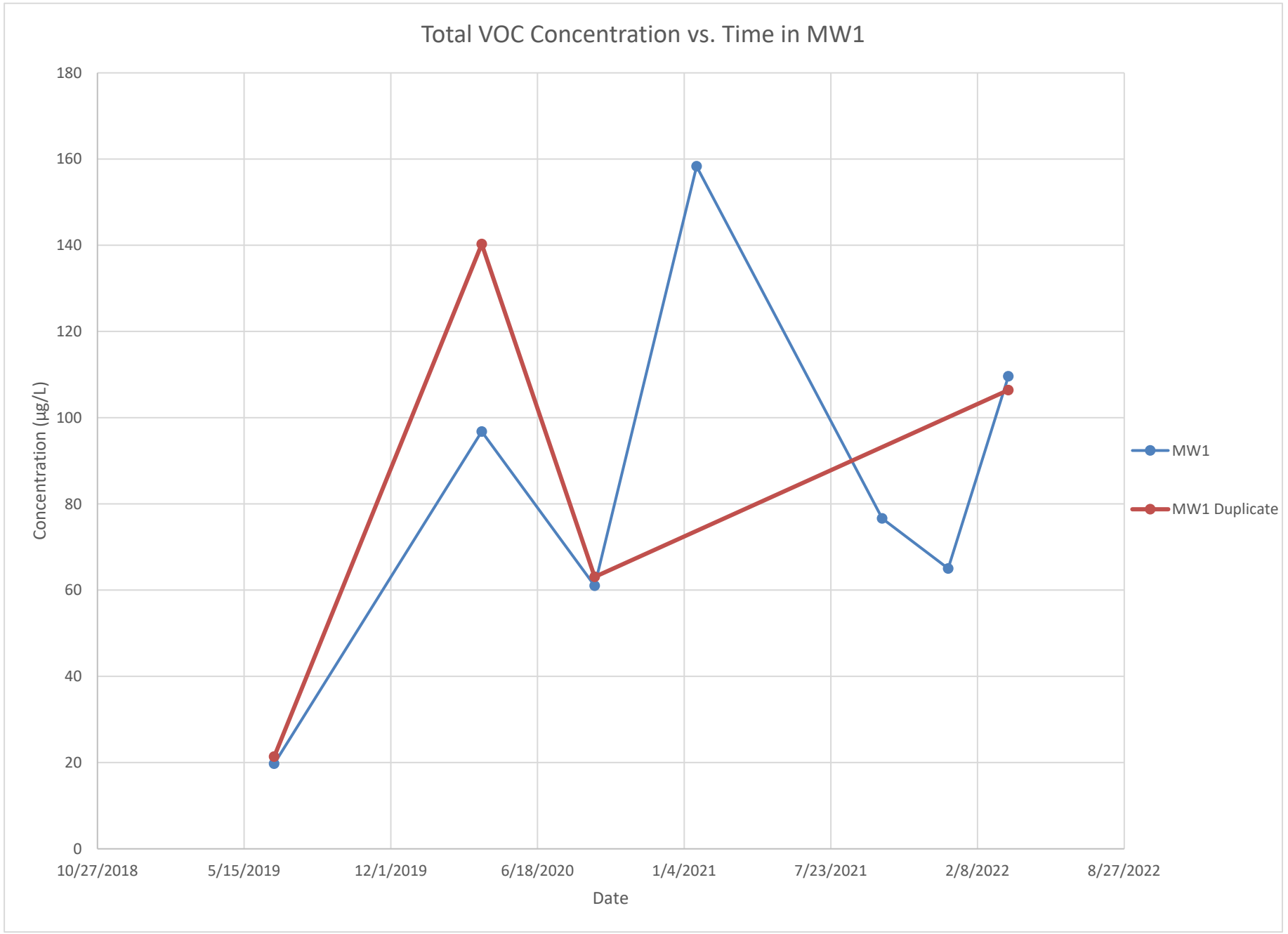
Site Address: 376-378 FLUSHING AVENUE, BROOKLYN, NY

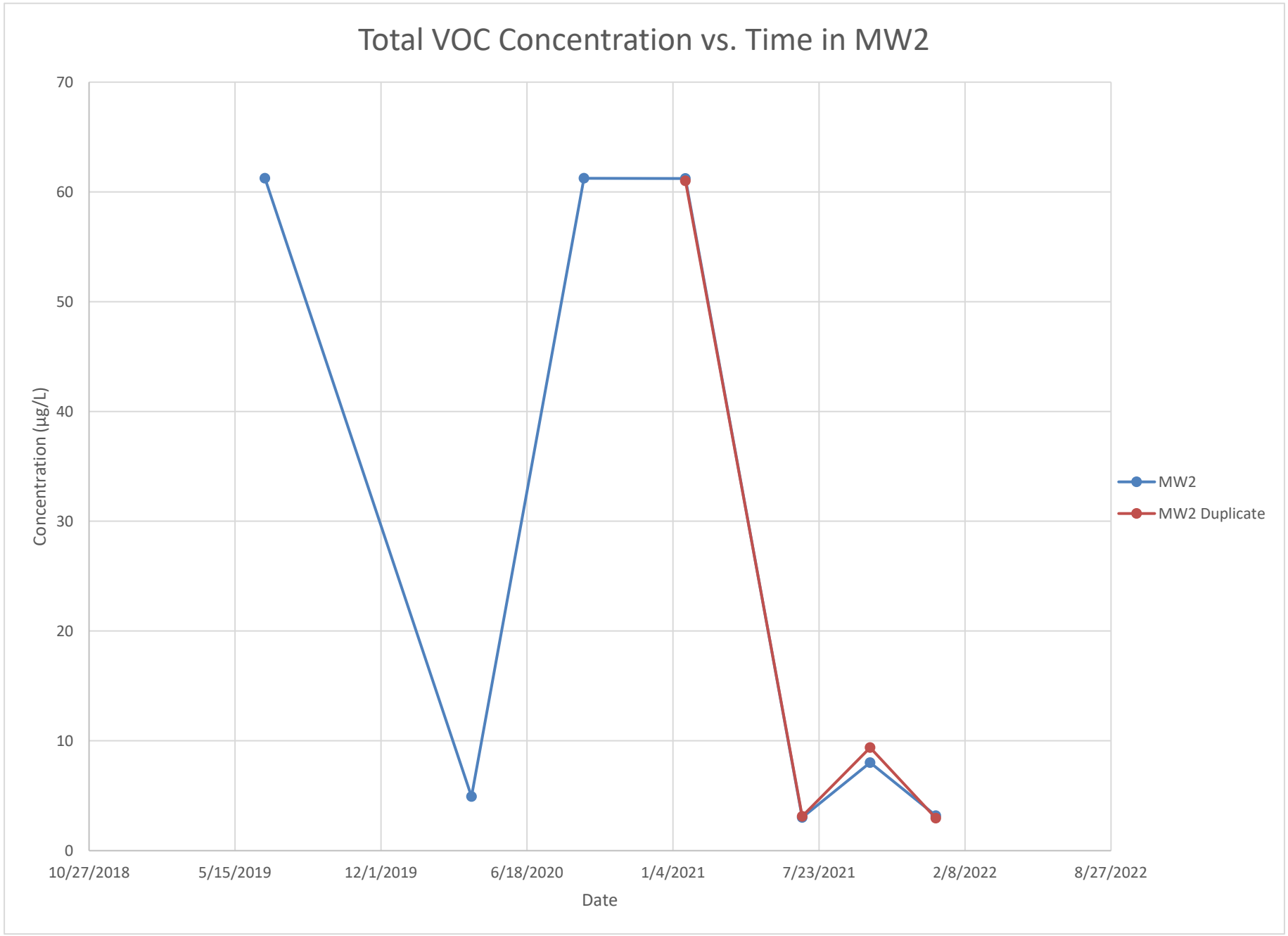
Drawing Title: Site Plan


MW2: Total VOC Concentration Reduction over Time
30000
25000
20000
15000
10000
5000
0
Concentration (µg/L)
*GW5
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
Date


Total VOC Concentration vs. Time in MW1
30000
25000
20000
15000
10000
5000
0
Concentration (µg/L)
*GW5
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date


Total VOC Concentration vs. Time in MW2
30000
25000
20000
15000
10000
5000
0
Concentration (µg/L)
*GW5
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date


Total VOC Concentration vs. Time in MW1
Concentration (µg/L)
180
160
140
120
100
80
60
40
20
0
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date
MW1
MW1 Duplicate


Total VOC Concentration vs. Time in MW2
70
60
50
40
30
20
10
0
Concentration (µg/L)
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date
MW2
MW2 Duplicate

APPENDIX A
ANNUAL CHECKLIST

SITE INSPECTION CHECKLIST

Former NY Cleaning and Dyeing Site
376-378 Flushing Avenue, Brooklyn, NY

Date: 3/22/2022 Time: 10:00am
Inspector Name / Organization: Thomas Gallo / EBC

Visual Inspection of Groundwater Monitoring Wells
Inspect surrounding concrete pad, well cover and well casing

	Conditions				
WELL ID	**Concrete Pad**	**Well Cover**	**Well Casing**	Replace Well Cap?	Replace Well Lock?
MW1	Good	Good	Good	No	No
MW2	Good	Good	Good	No	No

Repairs Needed and/or Maintenance at this time?

No repairs needed. All components of monitoring wells are in good condition

Signature: Thomas Gallo Date: 3/22/2022

APPENDIX B
QUATERLY REPORTS

AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
Phone: (718) 545-0474
ariel@amc-engineering.com

February 23, 2021

Wendi Zheng
NYS Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: SMP MW-1 and MW-2 Groundwater Sampling Results
376-378 FLUSHING AVENUE, BROOKLYN, NY
BCP Number: C-224264

Dear Ms.Zheng,

This letter is submitted as a summary of the first round of post-dewatering groundwater sampling results at the Former NY Cleaning and Dyeing Site, 376-378 Flushing Avenue. In accordance with the SMP submitted to the DEC on July 30, 2020, wherein two rounds of groundwater sampling in MW-1 and MW-2 were proposed, EBC mobilized onto the Site on January 21, 2021 to obtain the first round of samples after dewatering activities had ceased and MW-1 was lifted to intersect with the water table. Dewatering activities officially ceased on August 17, 2020, after which a Notice of Completion was submitted to the DEC on August 21, 2020.

Background

On January 17, 2017, EBC mobilized to the Site to obtain groundwater samples from onsite monitoring wells as part of its Remedial Investigation (RI). At this point in time, monitoring wells, MW-1 and MW-2, had not been constructed. However, of the monitoring wells present at the time, GW5 was closest to where MW-1 and MW-2 are currently installed; GW5 was approximately 93ft to the West of MW-1 and 100ft to the Northwest of MW-2 (**See Figure 1- Site Plan**). The groundwater sampling from GW5 establishes the historic site conditions prior to any excavation and dewatering activities at the site and shall serve as a basis of comparison for the achievement of bulk asymptotic reduction at the Site. As noted in **Table 1**, the levels of 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 2-isopropyltoluene; bromomethane; ethylbenzene; isopropylbenzene; naphthalene; n-butylbenzene; n-propylbenzene; o-Xylene; p-Isopropyltoluene; sec-Butylbenzene; and tert-butyl alcohol were in exceedance of NYSDEC Groundwater Quality Standards.

Prior to the commencement of dewatering activities, EBC remobilized to the Site on June 25, 2019 to obtain groundwater samples from MW-1 and MW-2 to serve as a baseline. Groundwater sampling results for MW-1 and MW-2 are presented in **Tables 1** and **2,** respectively. There were no exceedances in MW-1; however, there were exceedances in MW-2 for benzene (1.8 µg/L), chloroform (16 µg/L), and chloromethane (16 µg/L). Chloroform and chloromethane were not detected in the soil during the RI and are not-site related contaminants. In addition, if benzene

were indicative of site-related contamination, ethylbenzene, toluene, and total xylenes would also be contaminants of concern in the groundwater sampling. It should be noted that GW5, which was found onsite, did not have any benzene exceedances. Compared to the contaminant levels in GW5, the level of contaminants was found to be significantly lower in the baseline sample.

Following the completion of excavation activities, EBC remobilized to the Site on April 3, 2020 to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (12 µg/L), isopropylbenzene (24 µg/L), n-propylbenzene (14 µg/L), and sec-butylbenzene (27 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. There were no exceedances in the groundwater sample from MW-2.

On September 4, 2020, EBC mobilized to the Site to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (9.7 µg/L), benzene (1.5 µg/L), isopropylbenzene (17 µg/L), n-propylbenzene (11 µg/L), and sec-butylbenzene (14 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The other contaminants were also present in the April 3, 2020 groundwater samples but decreased in this sampling event. There were no exceedances in the groundwater sample obtained from MW-2.

As part of the SMP submitted to the DEC on July 30, 2020, two rounds of groundwater sampling were proposed after termination of dewatering activities and return to static conditions to determine whether asymptotic bulk reduction has been achieved. Furthermore, following review by NYSDEC, the MW-1 samples were determined to not be representative groundwater samples because the well screen did not intersect the water table at the time of sampling. MW-1 reinstallation was also proposed as part of the SMP; to resolve this issue, the Site developers and EBC mobilized to the Site on January 14, 2021 to lift the installed well until the screen intersected the water table. A revised well construction log is provided as **Attachment B** to document the well adjustment.

Description of Field Sampling Event

After the termination of dewatering activities, EBC mobilized to the site on January 21, 2020 to obtain a round of groundwater samples from MW-1 and MW-2. The wells were purged prior to sampling as per QA/QC protocol and the logs are provided as **Attachment A**.

The samples were transferred into lab-supplied HCl preserved 40 mL vials and stored in an ice-packed cooler before being sent to Phoenix Laboratories (Manchester, CT NELAP NY #11301) for analysis of VOCs via EPA Method 8260.

Analysis of Results and Future Work

Following the well adjustment of MW-1, EBC mobilized to the Site on January 21, 2021 to collect groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (13 µg/L), isopropylbenzene (37 µg/L), n-propylbenzene (60 µg/L), and sec-butylbenzene (36 µg/L)

were in exceedance of NYSDEC Groundwater Quality Standards. The groundwater sample obtained from MW-2 exhibited a slight exceedance for benzene (1.1 µg/L). The contaminant levels in both wells are below the baseline contaminant levels but have slightly increased since the last sampling event.

The laboratory reports for the January 21, 2021 sampling event are provided as **Attachment C.** As noted, the contaminant concentrations in MW-1 and MW-2 are significantly lower those of GW5 but exhibited increases since the last sampling event. Another round of groundwater sampling is scheduled for the next quarter. The contaminant concentrations will continue to be monitored until the DEC determines that asymptotic bulk reduction has been achieved at the Site.

I thank you for your prompt attention to this matter. Please, let me know if you need any additional information. I can be reached at the above number.

Respectfully submitted,

Ariel Czemerinski, PE
AMC Engineering, PLLC

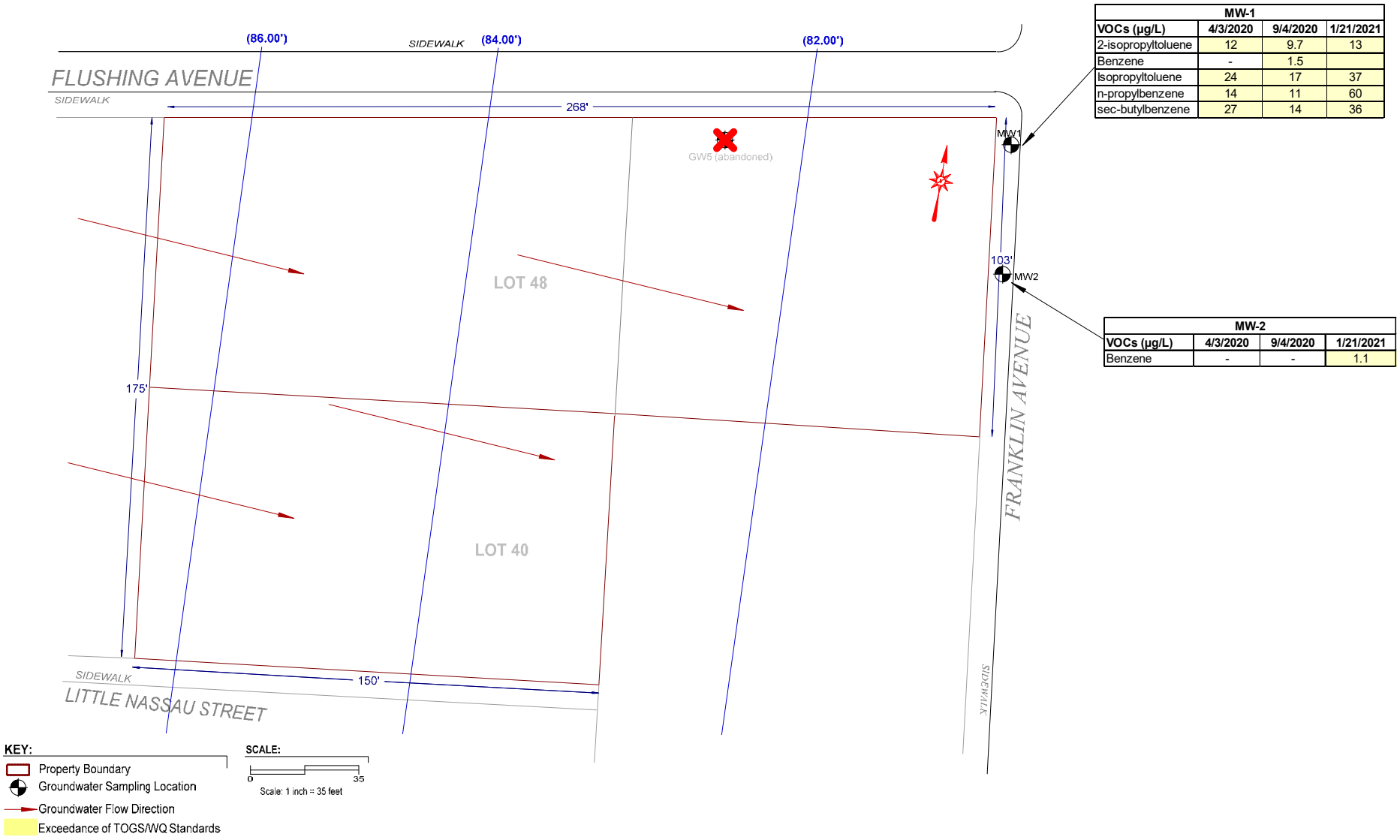
Cc: Zelig Weiss
Riverside Developers
266 Broadway, Suite 301
Brooklyn, NY 11211

Attachments

Figure 1: Site Plan

Table 1: MW-1 Sampling Summary
Table 2: MW-2 Sampling Summary

Appendix A: Purge Logs for January 21, 2021 Sampling Event
Appendix B: Revised MW-1 Well Construction Log
Appendix C: January 21, 2021 Sampling Laboratory Report



MW-1			
VOCs (µg/L)	4/3/2020	9/4/2020	1/21/2021
2-isopropyltoluene	12	9.7	13
Benzene	-	1.5	
Isopropyltoluene	24	17	37
n-propylbenzene	14	11	60
sec-butylbenzene	27	14	36

MW-2			
VOCs (µg/L)	4/3/2020	9/4/2020	1/21/2021
Benzene	-	-	1.1

Note: Since MW1 was not screened at the water table prior to the January 2021 sampling event, the reported data prior to this date not representative of groundwater conditions at the Site. As part of the SMP, MW-1 was readjusted in January 2021 such that the screen intersected the water table and groundwater monitoring conducted thereafter shall represent the groundwater conditions at the Site.

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Figure 1: Site Plan with Remaining Exceedances Above TOGS/WQ Standards

Former NY Cleaning and Dyeing Site
376-378 Flushing Avenue, Brooklyn, New York

Table 1
376-378 Flushing Avenue
Brooklyn, New York
MW-1 Sampling Summary

Compound	NYSDEC Groundwater Quality Standards	GW5		MW1		MW1		MW1		MW1		GW DUPLICATE		DUPLICATES		GW DUPLICATE	
		BX31963		CD45465		CF61756		CG72132		CH50269		CD45467		CF61758		CG72134	
		1/17/2017		6/25/2019		4/3/2020		9/4/2020		1/21/2021		6/25/2019		4/3/2020		9/4/2020	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachloroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**1.5**	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**7,900**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 50	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		< 25	25	**0.39**	1.0	**0.45**	1.0	**0.39**	1.0	< 4.7	4.7	**0.42**	1.0	**0.56**	1.0	**0.42**	1.0
1,2-Dichloroethane	0.6	< 50	50	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.3	1.3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**2,600**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 25	25	**0.45**	1.0	< 1.0	1.0	**0.29**	1.0	< 5.0	5.0	**0.45**	1.0	< 1.0	1.0	**0.31**	1.0
2,2-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**690**	25	**4.2**	1.0	**12**	1.0	**9.7**	1.0	**13**	5.0	**4.2**	1.0	**18**	1.0	**11**	1.0
4-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-pentanone		< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 25	25	**0.62**	0.70	**0.45**	0.70	**1.5**	0.70	< 0.70	0.70	**0.58**	0.70	**0.56**	0.70	**1.5**	0.70
Bromobenzene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**120**	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 25	25	**0.47**	5.0	< 5.0	5.0	**0.27**	5.0	< 5.0	5.0	**0.48**	5.0	< 5.0	5.0	**0.27**	5.0
Chloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 25	25	< 5.0	5.0	**0.36**	5.0	< 5.0	5.0	**5.5**	7.0	< 5.0	5.0	**0.46**	5.0	< 5.0	5.0
Chloromethane	5	< 25	25	**0.26**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	0.4	< 25	25	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**890**	25	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 20	20	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1,200**	25	**3**	1.0	**24**	1.0	**17**	1.0	**37**	5.0	**3**	1.0	**33**	1.0	**17**	1.0
m&p-Xylene		**2,000**	100	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	**0.27**	1.0
Methyl ethyl ketone	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	**5**	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 100	100	< 1.0	1.0	< 1.0	1.0	**0.26**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 100	100	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1,100**	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**3,400**	25	**0.28**	1.0	**2.1**	1.0	**1.7**	1.0	**2.3**	5.0	**0.31**	1.0	**3.3**	1.0	**1.7**	1.0
n-Propylbenzene	5	**2,600**	25	**0.49**	1.0	**14**	1.0	**11**	1.0	**60**	5.0	**0.54**	1.0	**19**	1.0	**11**	1.0
o-Xylene	5	**390**	25	< 1.0	1.0	**0.34**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	**0.5**	1.0	< 1.0	1.0
p-Isopropyltoluene	5	**860**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**2,600**	25	**4.8**	1.0	**27**	1.0	**14**	1.0	**36**	5.0	**5**	1.0	**38**	1.0	**15**	1.0
Styrene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		**220**	25	< 50	50	**11**	50	< 50	50	< 250	250	< 50	50	**15**	50	< 50	50
tert-Butylbenzene	5	< 25	25	**4.2**	1.0	**4.8**	1.0	**4.6**	1.0	**4.5**	5.0	**4.3**	1.0	**6.9**	1.0	**4.6**	1.0
Tetrachloroethene	5	< 250	250	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 250	250	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl chloride	2	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-dioxane By SW8270DSIM																	
1,4-dioxane				**0.56**	0.20							**0.58**	0.20				
1,4-dioxane By SW8260C																	
1,4-dioxane				< 100	100	< 100	100	< 100	100	< 500	500	< 100	100	< 100	100	< 100	100

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 2
376-378 Flushing Avenue
Brooklyn, New York
MW-2 Sampling Summary

Compound	NYSDEC Groundwater Quality Standards	GW5		MW2		MW2		MW2		MW2		MW DUPLICATE (1/21)	
		BX31963		CD45466		CF61757		CG72133		CH50270		CH50271	
		1/17/2017		6/25/2019		4/3/2020		9/4/2020		1/21/2021		1/21/2021	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachloroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**7,900**	25	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 50	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 25	25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 50	50	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**2,600**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0	**0.37**	1.0
2,2-Dichloropropane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**690**	25	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-pentanone		< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 250	250	**8.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 250	250	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 25	25	**1.8**	0.70	**0.36**	0.70	**0.66**	0.70	**1.1**	0.70	**0.75**	0.70
Bromobenzene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**120**	25	**0.51**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 50	50	< 1.0	1.0	**0.63**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 25	25	< 5.0	5.0	< 5.0	5.0	**0.44**	5.0	**1.6**	5.0	**1.8**	5.0
Chloroethane	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 25	25	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	< 25	25	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 25	25	**0.82**	1.0	**0.47**	1.0	**1.1**	1.0	**0.56**	1.0	**0.51**	1.0
cis-1,3-Dichloropropene	0.4	< 25	25	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**890**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 20	20	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1,200**	25	**2.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylene		**2,000**	100	**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl ethyl ketone	50	< 250	250	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 100	100	< 1.0	1.0	**0.83**	1.0	**29**	2.0	**3.3**	1.0	**3.3**	1.0
Methylene chloride	5	< 100	100	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1,100**	100	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**3,400**	25	**1**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**2,600**	25	**2.8**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	**390**	25	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	**860**	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**2,600**	25	**3.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.53**	1.0	**0.57**	1.0
Styrene	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		**220**	25	< 50	50	< 50	50	**25**	50	**50**	50	**47**	50
tert-Butylbenzene	5	< 25	25	**0.62**	1.0	**0.26**	1.0	**0.47**	1.0	**2**	1.0	**2.2**	1.0
Tetrachloroethene	5	< 250	250	**1.1**	1.0	**0.97**	1.0	**1.1**	1.0	**0.81**	1.0	**0.81**	1.0
Tetrahydrofuran (THF)	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**2.6**	5.0
Toluene	5	< 25	25	**0.47**	1.0	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 250	250	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 25	25	**1.4**	1.0	**1.4**	1.0	**2**	1.0	**1**	1.0	**1.1**	1.0
Trichlorofluoromethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl chloride	2	< 25	25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-dioxane By SW8270DSIM													
1,4-dioxane				**0.65**	0.20								
1,4-dioxane By SW8260C													
1,4-dioxane				< 100	100	< 100	100	< 100	100	< 100	100	< 100	100

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Appendix A: Purge Logs for January 21, 2021 Sampling Event

GROUNDWATER PURGE / SAMPLE LOGS

376 Flushing Avenue, Brooklyn

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Well Depth (from TOC): 13.41

Static Water Level (from TOC): 8.72

Height of Water in Well: 4.69

Gallons of Water per Well Volume: 0.19

Flow Rate: 380ml/min.

Date: 1/21/2021

Equipment: Peristaltic pump

Time	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (deg. F)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
7:52		0	7.45	2.70	12.92	2.75	-160	850		light turbidity
7:55		0.3	7.33	2.71	13.21	0.77	-151	545		light turbidity
8:00		0.8	7.29	2.71	13.49	0.19	-148	334		clear
8:05		1.3	7.27	2.68	13.42	0.01	-149	59.9		clear
8:10		1.8	7.26	2.66	13.38	0.08	-149	41.2		collected sample

Comments:

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

376 Flushing Avenue, Brooklyn

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Date: 1/21/2021

Well Depth (from TOC): 29.52

Equipment: Peristaltic pump

Static Water Level (from TOC): 13.61

Height of Water in Well: 15.91

Gallons of Water per Well Volume: 0.65

Flow Rate: 380ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (deg. F)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
8:22		0	7.03	1.61	15.14	4.24	-54	129		Clear
8:27		0.5	7.19	1.45	15.94	4.44	-81	960*		Light turbidity
8:32		1.0	7.07	2.61	15.33	3.75	-88	0.0*		-"-
8:37		1.5	7.14	2.64	15.30	2.64	-97	362		Clear
8:42		2.0	7.17	2.62	15.31	1.86	-100	256		Clear
8:47		2.5	7.21	2.53	15.33	1.16	-102	171		clear
8:52		3.0	7.21	2.52	15.25	0.94	-102	30		Clear
8:57		3.5	7.21	2.52	15.25	0.64	-101	146		Clear
9:02		4.5	7.21	2.52	15.24	0.59	-101	47		Clear collected sample

Comments: * Sensor error

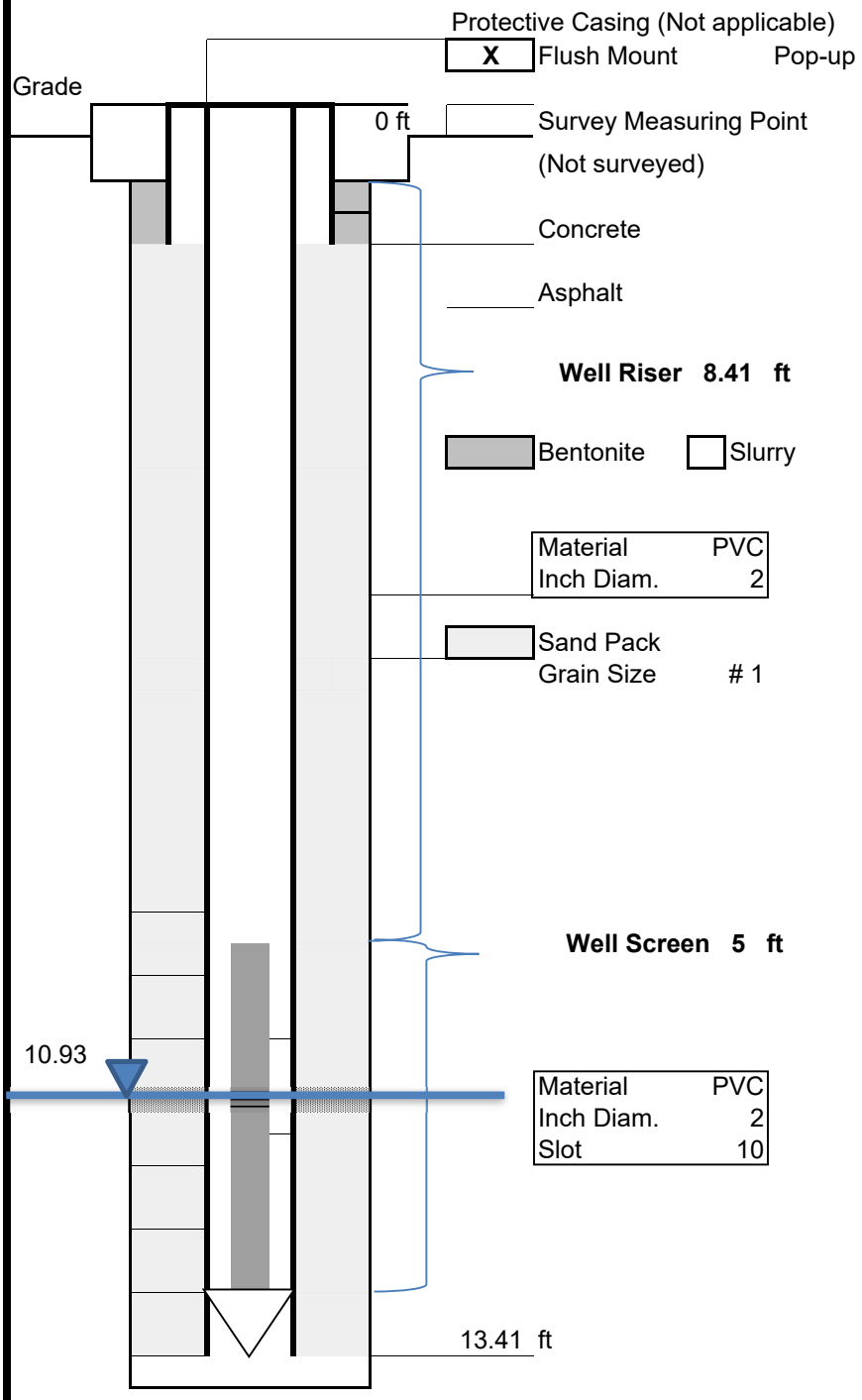
Note 400 ml = 0.11 gallons

Appendix B: Revised MW-1 Well Construction Log

AMC Engineering PLLC

MONITORING WELL

CONSTRUCTION LOG MW1



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: **MW-1**

Project Name: 376-378 Flushing Avenue

Project Location: 376-378 Flushing Avenue

Well Location:

Depth to Groundwater: 10.93 ft Date: 1/14/2021
As measured from top of casing
Installation Depth: 13.41 ft

Survey Point Elevation:

Installation Date: 1/14/2021

Drilling Contractor: Riverside Developers*

Driller's Name: Ari Goldberger *

Installation Method: See Notes

Water Removed During Development: 0 gal

Engineer Ariel Czemerinski, PE

Company Name: AMC Engineering PLLC

Soil Characteristics Not surveyed

Notes: MW-1 was originally installed by MRCE as a 23ft deep well with 5ft of screen. Because the well did not intersect with the water table MW-1 had to be modified. This was achieved by lifting the well until the screen intersected with the water table. The new depths are given in this log.

*The well was already installed, no drilling occurred. Work was performed by the developers.

Appendix C: January 21, 2021 Sampling Laboratory Report

PHOENIX
Environmental Laboratories, Inc.

Monday, February 01, 2021

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 376 FLUSHING AVE BK
SDG ID: GCH50269
Sample ID#s: CH50269 - CH50272

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

February 01, 2021

SDG I.D.: GCH50269

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

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

February 01, 2021

SDG I.D.: GCH50269

Project ID: 376 FLUSHING AVE BK

Client Id	Lab Id	Matrix
MW1	CH50269	GROUND WATER
MW2	CH50270	GROUND WATER
MW DUPLICATE (1/21)	CH50271	GROUND WATER
TRIP BLANKS	CH50272	GROUND WATER

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 01, 2021

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	AB	01/21/21	8:10
Location Code:	EBC	Received by:	CP	01/21/21	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH50269
Phoenix ID: CH50269

Project ID: 376 FLUSHING AVE BK
Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	01/27/21	PS	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	01/27/21	PS	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	01/27/21	PS	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	01/27/21	PS	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	01/27/21	PS	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	01/29/21	PS	SW8260C	
2-Isopropyltoluene	13	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	01/29/21	PS	SW8260C	

Project ID: 376 FLUSHING AVE BK
Client ID: MW1

Phoenix I.D.: CH50269

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	01/29/21	PS	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	01/27/21	PS	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	01/29/21	PS	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	01/27/21	PS	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	01/29/21	PS	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Chloroform	5.5	J	7.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/27/21	PS	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Ethylbenzene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	01/27/21	PS	SW8260C	
Isopropylbenzene	37		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
m&p-Xylene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	01/29/21	PS	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	01/29/21	PS	SW8260C	
Naphthalene	ND		5.0	5.0	ug/L	5	01/29/21	PS	SW8260C	
n-Butylbenzene	2.3	J	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
n-Propylbenzene	60		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
o-Xylene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
sec-Butylbenzene	36		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
tert-Butylbenzene	4.5	J	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	01/29/21	PS	SW8260C	1
Toluene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/27/21	PS	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	01/27/21	PS	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	01/29/21	PS	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	01/27/21	PS	70 - 130 %	
% Bromofluorobenzene	140				%	1	01/27/21	PS	70 - 130 %	3
% Dibromofluoromethane	95				%	1	01/27/21	PS	70 - 130 %	

Project ID: 376 FLUSHING AVE BK
Client ID: MW1

Phoenix I.D.: CH50269

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	105			%	1	01/27/21	PS	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	100			%	5	01/29/21	PS	70 - 130 %
% Bromofluorobenzene (5x)	100			%	5	01/29/21	PS	70 - 130 %
% Dibromofluoromethane (5x)	100			%	5	01/29/21	PS	70 - 130 %
% Toluene-d8 (5x)	97			%	5	01/29/21	PS	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	500	250	ug/l	5	01/29/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C
Acrolein	ND	5.0	5.0	ug/L	5	01/29/21	PS	SW8260C
Acrylonitrile	ND	5.0	1.3	ug/L	5	01/29/21	PS	SW8260C
Tert-butyl alcohol	ND	250	50	ug/L	5	01/29/21	PS	SW8260C
Client MS/MSD	Completed					01/29/21		

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

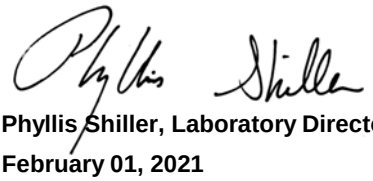
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab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

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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



Phyllis Shiller, Laboratory Director
February 01, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 01, 2021

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	AB	01/21/21	9:08
Location Code:	EBC	Received by:	CP	01/21/21	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH50269
Phoenix ID: CH50270

Project ID: 376 FLUSHING AVE BK
Client ID: MW2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,4-Dichlorobenzene	0.32	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE BK
Client ID: MW2

Phoenix I.D.: CH50270

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	
Benzene	1.1		0.70	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chlorobenzene	1.6	J	5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
cis-1,2-Dichloroethene	0.56	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/26/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	01/26/21	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	3.3		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	01/26/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	01/26/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
sec-Butylbenzene	0.53	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
tert-Butylbenzene	2.0		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Tetrachloroethene	0.81	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/26/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	
Trichloroethene	1.0	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	01/26/21	MH	70 - 130 %	
% Bromofluorobenzene	106				%	1	01/26/21	MH	70 - 130 %	
% Dibromofluoromethane	111				%	1	01/26/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE BK
Client ID: MW2

Phoenix I.D.: CH50270

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99				%	1	01/26/21	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	01/26/21	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C
Acrolein	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C
Acrylonitrile	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C
Tert-butyl alcohol	50	J	50	10	ug/L	1	01/26/21	MH	SW8260C

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

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

Comments:

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

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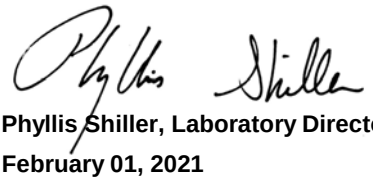


Phyllis Shiller, Laboratory Director
February 01, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 01, 2021

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	AB	01/21/21	
Location Code:	EBC	Received by:	CP	01/21/21	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH50269
Phoenix ID: CH50271

Project ID: 376 FLUSHING AVE BK
Client ID: MW DUPLICATE (1/21)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	01/26/21	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
1,4-Dichlorobenzene	0.37	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE BK
Client ID: MW DUPLICATE (1/21)

Phoenix I.D.: CH50271

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	
Benzene	0.75		0.70	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chlorobenzene	1.8	J	5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
cis-1,2-Dichloroethene	0.51	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/26/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	01/26/21	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	3.3		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	01/26/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	01/26/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
sec-Butylbenzene	0.57	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
tert-Butylbenzene	2.2		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Tetrachloroethene	0.81	J	1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Tetrahydrofuran (THF)	2.6	J	5.0	2.5	ug/L	1	01/26/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/26/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	01/26/21	MH	SW8260C	
Trichloroethene	1.1		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	104				%	1	01/26/21	MH	70 - 130 %	
% Bromofluorobenzene	106				%	1	01/26/21	MH	70 - 130 %	
% Dibromofluoromethane	112				%	1	01/26/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE BK
Client ID: MW DUPLICATE (1/21)

Phoenix I.D.: CH50271

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101				%	1	01/26/21	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	01/26/21	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	01/26/21	MH	SW8260C
Acrolein	ND		5.0	2.5	ug/L	1	01/26/21	MH	SW8260C
Acrylonitrile	ND		5.0	0.25	ug/L	1	01/26/21	MH	SW8260C
Tert-butyl alcohol	47	J	50	10	ug/L	1	01/26/21	MH	SW8260C

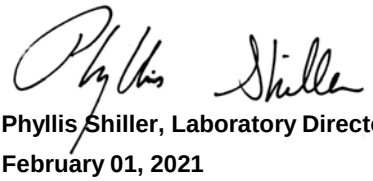
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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

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



Phyllis Shiller, Laboratory Director
February 01, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 01, 2021

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	AB	01/21/21	
Location Code:	EBC	Received by:	CP	01/21/21	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH50269
Phoenix ID: CH50272

Project ID: 376 FLUSHING AVE BK
Client ID: TRIP BLANKS

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	01/22/21	PS	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	01/22/21	PS	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	01/22/21	PS	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	01/22/21	PS	SW8260C	

Project ID: 376 FLUSHING AVE BK
Client ID: TRIP BLANKS

Phoenix I.D.: CH50272

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	01/22/21	PS	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	01/22/21	PS	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	01/22/21	PS	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	01/22/21	PS	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/22/21	PS	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	01/22/21	PS	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	01/22/21	PS	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	01/22/21	PS	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	01/22/21	PS	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	01/22/21	PS	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/22/21	PS	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	01/22/21	PS	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95			%	1	01/22/21	PS	70 - 130 %	
% Bromofluorobenzene	89			%	1	01/22/21	PS	70 - 130 %	
% Dibromofluoromethane	108			%	1	01/22/21	PS	70 - 130 %	

Project ID: 376 FLUSHING AVE BK
Client ID: TRIP BLANKS

Phoenix I.D.: CH50272

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	01/22/21	PS	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	01/22/21	PS	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/22/21	PS	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	01/22/21	PS	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	01/22/21	PS	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	01/22/21	PS	SW8260C

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

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

Comments:

TRIP BLANK INCLUDED.

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

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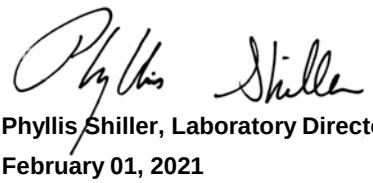

Phyllis Shiller, Laboratory Director
February 01, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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NY # 11301

QA/QC Report

February 01, 2021

QA/QC Data

SDG I.D.: GCH50269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 561999 (ug/L), QC Sample No: CH50269 (CH50269 (5X))											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	92	92	0.0	76	80	5.1	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	92	89	3.3	83	86	3.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	87	87	0.0	78	80	2.5	70 - 130	30	
1,1-Dichloroethane	ND	1.0	94	92	2.2	82	86	4.8	70 - 130	30	
1,1-Dichloroethene	ND	1.0	94	95	1.1	87	94	7.7	70 - 130	30	
1,1-Dichloropropene	ND	1.0	89	88	1.1	80	84	4.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	95	94	1.1	75	80	6.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	94	93	1.1	76	81	6.4	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	95	93	2.1	80	84	4.9	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	96	96	0.0	79	84	6.1	70 - 130	30	
1,2-Dichloropropane	ND	1.0	90	89	1.1	75	83	10.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	94	92	2.2	79	83	4.9	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	97	95	2.1	80	84	4.9	70 - 130	30	
1,3-Dichloropropane	ND	1.0	92	89	3.3	76	79	3.9	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	97	94	3.1	79	84	6.1	70 - 130	30	
1,4-dioxane	ND	100	93	98	5.2	68	79	15.0	70 - 130	30	m
2,2-Dichloropropane	ND	1.0	97	96	1.0	75	79	5.2	70 - 130	30	
2-Chlorotoluene	ND	1.0	97	95	2.1	82	86	4.8	70 - 130	30	
2-Hexanone	ND	5.0	77	83	7.5	64	68	6.1	70 - 130	30	m
2-Isopropyltoluene	ND	1.0	99	97	2.0	84	89	5.8	70 - 130	30	
4-Chlorotoluene	ND	1.0	95	92	3.2	80	83	3.7	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	81	81	0.0	71	74	4.1	70 - 130	30	
Acetone	ND	5.0	76	83	8.8	71	73	2.8	70 - 130	30	
Acrolein	ND	5.0	87	87	0.0	68	73	7.1	70 - 130	30	m
Acrylonitrile	ND	5.0	82	87	5.9	66	71	7.3	70 - 130	30	m
Bromobenzene	ND	1.0	95	94	1.1	77	84	8.7	70 - 130	30	
Bromochloromethane	ND	1.0	93	95	2.1	79	85	7.3	70 - 130	30	
Bromodichloromethane	ND	0.50	91	91	0.0	75	79	5.2	70 - 130	30	
Bromoform	ND	1.0	82	82	0.0	61	64	4.8	70 - 130	30	m
Bromomethane	ND	1.0	90	94	4.3	76	86	12.3	70 - 130	30	
Carbon Disulfide	ND	1.0	97	96	1.0	86	92	6.7	70 - 130	30	
Carbon tetrachloride	ND	1.0	91	78	15.4	70	84	18.2	70 - 130	30	
Chlorobenzene	ND	1.0	96	94	2.1	82	86	4.8	70 - 130	30	
Chloroethane	ND	1.0	88	86	2.3	78	83	6.2	70 - 130	30	
Chloroform	ND	1.0	92	93	1.1	82	85	3.6	70 - 130	30	
Chloromethane	ND	1.0	86	84	2.4	72	78	8.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	87	86	1.2	75	80	6.5	70 - 130	30	
Dibromochloromethane	ND	0.50	93	93	0.0	73	77	5.3	70 - 130	30	
Dibromomethane	ND	1.0	91	88	3.4	77	80	3.8	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	83	83	0.0	72	79	9.3	70 - 130	30	
Ethylbenzene	ND	1.0	95	93	2.1	82	84	2.4	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Isopropylbenzene	ND	1.0	97	94	3.1	80	86	7.2	70 - 130	30	
m&p-Xylene	ND	1.0	96	94	2.1	83	85	2.4	70 - 130	30	
Methyl ethyl ketone	ND	5.0	82	82	0.0	67	72	7.2	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	93	94	1.1	77	82	6.3	70 - 130	30	
Methylene chloride	ND	1.0	86	87	1.2	78	80	2.5	70 - 130	30	
Naphthalene	ND	1.0	90	90	0.0	73	78	6.6	70 - 130	30	
n-Butylbenzene	ND	1.0	97	94	3.1	80	87	8.4	70 - 130	30	
n-Propylbenzene	ND	1.0	98	96	2.1	80	87	8.4	70 - 130	30	
o-Xylene	ND	1.0	98	94	4.2	82	87	5.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	98	96	2.1	84	87	3.5	70 - 130	30	
sec-Butylbenzene	ND	1.0	103	99	4.0	87	93	6.7	70 - 130	30	
Styrene	ND	1.0	94	94	0.0	79	83	4.9	70 - 130	30	
tert-butyl alcohol	ND	10	92	102	10.3	92	91	1.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	96	95	1.0	83	87	4.7	70 - 130	30	
Tetrachloroethene	ND	1.0	91	89	2.2	81	85	4.8	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	80	86	7.2	68	71	4.3	70 - 130	30	m
Toluene	ND	1.0	92	90	2.2	80	84	4.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	91	94	3.2	83	89	7.0	70 - 130	30	
Trichloroethene	ND	1.0	92	92	0.0	81	85	4.8	70 - 130	30	
Trichlorofluoromethane	ND	1.0	93	93	0.0	89	93	4.4	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	99	96	3.1	88	95	7.7	70 - 130	30	
Vinyl chloride	ND	1.0	87	88	1.1	80	84	4.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	100	100	0.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	98	%	99	99	0.0	103	102	1.0	70 - 130	30	
% Dibromofluoromethane	100	%	96	98	2.1	98	98	0.0	70 - 130	30	
% Toluene-d8	97	%	99	98	1.0	100	99	1.0	70 - 130	30	
QA/QC Batch 562063 (ug/L), QC Sample No: CH50272 (CH50272)											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	75	78	3.9				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	81	82	1.2				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	104	99	4.9				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	80	79	1.3				70 - 130	30	
1,1-Dichloroethane	ND	1.0	98	103	5.0				70 - 130	30	
1,1-Dichloroethene	ND	1.0	98	106	7.8				70 - 130	30	
1,1-Dichloropropene	ND	1.0	93	93	0.0				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	94	89	5.5				70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	98	98	0.0				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	84	86	2.4				70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	95	96	1.0				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	80	79	1.3				70 - 130	30	
1,2-Dibromoethane	ND	1.0	84	85	1.2				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	81	85	4.8				70 - 130	30	
1,2-Dichloroethane	ND	1.0	80	81	1.2				70 - 130	30	
1,2-Dichloropropane	ND	1.0	95	99	4.1				70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	100	99	1.0				70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	84	87	3.5				70 - 130	30	
1,3-Dichloropropane	ND	1.0	90	84	6.9				70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	86	82	4.8				70 - 130	30	
1,4-dioxane	ND	100	105	109	3.7				70 - 130	30	
2,2-Dichloropropane	ND	1.0	93	94	1.1				70 - 130	30	
2-Chlorotoluene	ND	1.0	94	96	2.1				70 - 130	30	
2-Hexanone	ND	5.0	99	101	2.0				70 - 130	30	

QA/QC Data

SDG I.D.: GCH50269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2-Isopropyltoluene	ND	1.0	102	104	1.9				70 - 130	30
4-Chlorotoluene	ND	1.0	97	94	3.1				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	99	102	3.0				70 - 130	30
Acetone	ND	5.0	103	118	13.6				70 - 130	30
Acrolein	ND	5.0	115	128	10.7				70 - 130	30
Acrylonitrile	ND	5.0	115	120	4.3				70 - 130	30
Benzene	ND	0.70	98	99	1.0				70 - 130	30
Bromobenzene	ND	1.0	80	85	6.1				70 - 130	30
Bromochloromethane	ND	1.0	91	92	1.1				70 - 130	30
Bromodichloromethane	ND	0.50	81	82	1.2				70 - 130	30
Bromoform	ND	1.0	73	76	4.0				70 - 130	30
Bromomethane	ND	1.0	86	88	2.3				70 - 130	30
Carbon Disulfide	ND	1.0	107	112	4.6				70 - 130	30
Carbon tetrachloride	ND	1.0	81	82	1.2				70 - 130	30
Chlorobenzene	ND	1.0	89	89	0.0				70 - 130	30
Chloroethane	ND	1.0	94	98	4.2				70 - 130	30
Chloroform	ND	1.0	90	92	2.2				70 - 130	30
Chloromethane	ND	1.0	109	113	3.6				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	95	96	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	89	90	1.1				70 - 130	30
Dibromochloromethane	ND	0.50	80	72	10.5				70 - 130	30
Dibromomethane	ND	1.0	82	85	3.6				70 - 130	30
Dichlorodifluoromethane	ND	1.0	83	86	3.6				70 - 130	30
Ethylbenzene	ND	1.0	92	92	0.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	84	82	2.4				70 - 130	30
Isopropylbenzene	ND	1.0	101	101	0.0				70 - 130	30
m&p-Xylene	ND	1.0	98	98	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	123	131	6.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	110	9.5				70 - 130	30
Methylene chloride	ND	1.0	89	95	6.5				70 - 130	30
Naphthalene	ND	1.0	100	94	6.2				70 - 130	30
n-Butylbenzene	ND	1.0	108	104	3.8				70 - 130	30
n-Propylbenzene	ND	1.0	94	95	1.1				70 - 130	30
o-Xylene	ND	1.0	93	97	4.2				70 - 130	30
p-Isopropyltoluene	ND	1.0	103	100	3.0				70 - 130	30
sec-Butylbenzene	ND	1.0	108	105	2.8				70 - 130	30
Styrene	ND	1.0	92	95	3.2				70 - 130	30
tert-butyl alcohol	ND	10	95	100	5.1				70 - 130	30
tert-Butylbenzene	ND	1.0	93	99	6.3				70 - 130	30
Tetrachloroethene	ND	1.0	75	74	1.3				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	123	128	4.0				70 - 130	30
Toluene	ND	1.0	90	89	1.1				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	98	103	5.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	82	82	0.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	109	103	5.7				70 - 130	30
Trichloroethene	ND	1.0	84	79	6.1				70 - 130	30
Trichlorofluoromethane	ND	1.0	92	97	5.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	96	99	3.1				70 - 130	30
Vinyl chloride	ND	1.0	105	111	5.6				70 - 130	30
% 1,2-dichlorobenzene-d4	103	%	93	96	3.2				70 - 130	30
% Bromofluorobenzene	91	%	89	97	8.6				70 - 130	30
% Dibromofluoromethane	102	%	96	95	1.0				70 - 130	30
% Toluene-d8	99	%	98	97	1.0				70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 561588 (ug/L), QC Sample No: CH50682 (CH50270, CH50271)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	99	100	1.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	110	108	1.8				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	92	8.3				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	92	91	1.1				70 - 130	30
1,1-Dichloroethane	ND	1.0	98	98	0.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	104	100	3.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	88	87	1.1				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	90	85	5.7				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	102	101	1.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	85	82	3.6				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	99	98	1.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	91	85	6.8				70 - 130	30
1,2-Dibromoethane	ND	1.0	94	92	2.2				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	92	88	4.4				70 - 130	30
1,2-Dichloroethane	ND	1.0	109	104	4.7				70 - 130	30
1,2-Dichloropropane	ND	1.0	83	85	2.4				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	97	96	1.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	93	92	1.1				70 - 130	30
1,3-Dichloropropane	ND	1.0	91	91	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	89	88	1.1				70 - 130	30
1,4-dioxane	ND	100	120	114	5.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	108	104	3.8				70 - 130	30
2-Chlorotoluene	ND	1.0	91	91	0.0				70 - 130	30
2-Hexanone	ND	5.0	97	94	3.1				70 - 130	30
2-Isopropyltoluene	ND	1.0	101	98	3.0				70 - 130	30
4-Chlorotoluene	ND	1.0	91	90	1.1				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	102	99	3.0				70 - 130	30
Acetone	ND	5.0	130	125	3.9				70 - 130	30
Acrolein	ND	5.0	137	135	1.5				70 - 130	30
Acrylonitrile	ND	5.0	98	91	7.4				70 - 130	30
Benzene	ND	0.70	87	86	1.2				70 - 130	30
Bromobenzene	ND	1.0	86	86	0.0				70 - 130	30
Bromochloromethane	ND	1.0	91	91	0.0				70 - 130	30
Bromodichloromethane	ND	0.50	107	107	0.0				70 - 130	30
Bromoform	ND	1.0	102	99	3.0				70 - 130	30
Bromomethane	ND	1.0	123	116	5.9				70 - 130	30
Carbon Disulfide	ND	1.0	102	100	2.0				70 - 130	30
Carbon tetrachloride	ND	1.0	117	115	1.7				70 - 130	30
Chlorobenzene	ND	1.0	91	92	1.1				70 - 130	30
Chloroethane	ND	1.0	105	104	1.0				70 - 130	30
Chloroform	ND	1.0	105	101	3.9				70 - 130	30
Chloromethane	ND	1.0	91	94	3.2				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	83	83	0.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	96	93	3.2				70 - 130	30
Dibromochloromethane	ND	0.50	109	105	3.7				70 - 130	30
Dibromomethane	ND	1.0	94	88	6.6				70 - 130	30
Dichlorodifluoromethane	ND	1.0	103	103	0.0				70 - 130	30
Ethylbenzene	ND	1.0	92	91	1.1				70 - 130	30
Hexachlorobutadiene	ND	0.40	84	81	3.6				70 - 130	30
Isopropylbenzene	ND	1.0	91	91	0.0				70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
m&p-Xylene	ND	1.0	96	96	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	114	113	0.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	116	113	2.6				70 - 130	30
Methylene chloride	ND	1.0	96	95	1.0				70 - 130	30
Naphthalene	ND	1.0	91	87	4.5				70 - 130	30
n-Butylbenzene	ND	1.0	99	98	1.0				70 - 130	30
n-Propylbenzene	ND	1.0	92	90	2.2				70 - 130	30
o-Xylene	ND	1.0	96	96	0.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	101	100	1.0				70 - 130	30
sec-Butylbenzene	ND	1.0	103	102	1.0				70 - 130	30
Styrene	ND	1.0	104	102	1.9				70 - 130	30
tert-butyl alcohol	ND	10	114	116	1.7				70 - 130	30
tert-Butylbenzene	ND	1.0	97	96	1.0				70 - 130	30
Tetrachloroethene	ND	1.0	85	88	3.5				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	102	97	5.0				70 - 130	30
Toluene	ND	1.0	87	86	1.2				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	106	104	1.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	99	96	3.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	113	108	4.5				70 - 130	30
Trichloroethene	ND	1.0	91	88	3.4				70 - 130	30
Trichlorofluoromethane	ND	1.0	130	127	2.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	115	115	0.0				70 - 130	30
Vinyl chloride	ND	1.0	100	103	3.0				70 - 130	30
% 1,2-dichlorobenzene-d4	106	%	100	99	1.0				70 - 130	30
% Bromofluorobenzene	96	%	107	106	0.9				70 - 130	30
% Dibromofluoromethane	112	%	107	106	0.9				70 - 130	30
% Toluene-d8	97	%	97	97	0.0				70 - 130	30

Comment:

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

QA/QC Batch 561731 (ug/L), QC Sample No: CH51244 (CH50269)

Volatiles - Ground Water

1,1,2-Trichloroethane	ND	1.0	84	87	3.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	93	91	2.2				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	88	89	1.1				70 - 130	30
1,2-Dibromoethane	ND	1.0	91	91	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	86	86	0.0				70 - 130	30
Acrolein	ND	5.0	107	110	2.8				70 - 130	30
Benzene	ND	0.70	96	97	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	93	94	1.1				70 - 130	30
Hexachlorobutadiene	ND	0.40	96	96	0.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	92	91	1.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	110	108	1.8				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	99	0.0				70 - 130	30
% Bromofluorobenzene	91	%	99	99	0.0				70 - 130	30
% Dibromofluoromethane	98	%	98	96	2.1				70 - 130	30
% Toluene-d8	98	%	99	99	0.0				70 - 130	30

Comment:

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.

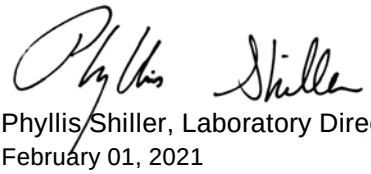
QA/QC Data

SDG I.D.: GCH50269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

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

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



Phyllis Shiller, Laboratory Director
February 01, 2021

Monday, February 01, 2021

Sample Criteria Exceedances Report

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

GCH50269 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CH50269	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CH50269	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CH50269	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CH50269	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	13	5.0	5	5	ug/L
CH50269	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	37	5.0	5	5	ug/L
CH50269	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	60	5.0	5	5	ug/L
CH50269	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	36	5.0	5	5	ug/L
CH50269	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CH50270	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	1.1	0.70	0.7	0.7	ug/L
CH50270	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CH50270	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CH50270	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	1.1	0.70	1	1	ug/L
CH50270	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CH50271	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	0.75	0.70	0.7	0.7	ug/L
CH50271	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CH50271	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CH50271	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CH50272	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CH50272	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CH50272	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

February 01, 2021

SDG I.D.: GCH50269

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

Temp 2.2 °C Pg 1 of 1

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
☐ Fax:
☒ Phone: (631) 504-6000
☒ Email: Csosik@ebcincny.com

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 376 Flushing Ave, BK
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Anthony Balsou Date: 1-21-21

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals +	+	+	+	x	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [X] HCl	GL Amber 1000ml [ ] As is	PL As is [ ] 250ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
50269	MW 1	GW	1/21	8:10	X												9							
50270	MW 2	GW	1/21	9:08	X												3							
50271	MW Duplicate (1/21)	GW	1/21	—	X												3							
50272	Trip Blanks	GW	—	—	X												2							

Relinquished by:	Accepted by:	Date:	Time:
		1-21-21	9:45
		1-21-21	14:00

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
☒ NY375 Unrestricted Use Soil
☒ NY375 Residential
☒ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

Comments, Special Requirements or Regulations:

Run MS/MSD on MW 1

State where samples were collected: NY

AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
Phone: (718) 545-0474
ariel@amc-engineering.com

August 26, 2021

Wendi Zheng
NYS Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: SMP MW-2 Q2 2021 Groundwater Sampling Results
376-378 FLUSHING AVENUE, BROOKLYN, NY
BCP Number: C-224264

Dear Ms.Zheng,

This letter is submitted as a summary of the second round of post-dewatering groundwater sampling results at the Former NY Cleaning and Dyeing Site, 376-378 Flushing Avenue. In accordance with the SMP submitted to the DEC on July 30, 2020, wherein two rounds of groundwater sampling in MW-1 and MW-2 were proposed, EBC mobilized onto the Site on June 30, 2021 to obtain the second round of samples after dewatering activities had ceased. As per an email correspondence with DEC on June 28, 2021,only MW-2 was required to be sampled for the Q2 2021 sampling event. Reinstallation of MW-1 was scheduled for Q3 2021. Dewatering activities officially ceased on August 17, 2020, after which a Notice of Completion was submitted to the DEC on August 21, 2020.

Background

On January 17, 2017, EBC mobilized to the Site to obtain groundwater samples from onsite monitoring wells as part of its Remedial Investigation (RI). At this point in time, monitoring wells, MW-1 and MW-2, had not been constructed. However, of the monitoring wells present at the time, GW5 was closest to where MW-1 and MW-2 are currently installed; GW5 was approximately 93ft to the West of MW-1 and 100ft to the Northwest of MW-2 (**See Figure 1- Site Plan**). The groundwater sampling from GW5 establishes the historic site conditions prior to any excavation and dewatering activities at the site and shall serve as a basis of comparison for the achievement of bulk asymptotic reduction at the Site. As noted in **Table 1**, the levels of 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 2-isopropyltoluene; bromomethane; ethylbenzene; isopropylbenzene; naphthalene; n-butylbenzene; n-propylbenzene; o-Xylene; p-Isopropyltoluene; sec-Butylbenzene; and tert-butyl alcohol were in exceedance of NYSDEC Groundwater Quality Standards.

Prior to the commencement of dewatering activities, EBC remobilized to the Site on June 25, 2019 to obtain groundwater samples from MW-1 and MW-2 to serve as a baseline. Groundwater sampling results for MW-1 and MW-2 are presented in **Tables 1** and **2,** respectively. There were no exceedances in MW-1; however, there were exceedances in MW-2 for benzene (1.8 µg/L),

chloroform (16 µg/L), and chloromethane (16 µg/L). Chloroform and chloromethane were not detected in the soil during the RI and are not-site related contaminants. In addition, if benzene were indicative of site-related contamination, ethylbenzene, toluene, and total xylenes would also be contaminants of concern in the groundwater sampling. It should be noted that GW5, which was found onsite, did not have any benzene exceedances. Compared to the contaminant levels in GW5, the level of contaminants was found to be significantly lower in the baseline sample.

Following the completion of excavation activities, EBC remobilized to the Site on April 3, 2020 to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (12 µg/L), isopropylbenzene (24 µg/L), n-propylbenzene (14 µg/L), and sec-butylbenzene (27 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. There were no exceedances in the groundwater sample from MW-2.

On September 4, 2020, EBC mobilized to the Site to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (9.7 µg/L), benzene (1.5 µg/L), isopropylbenzene (17 µg/L), n-propylbenzene (11 µg/L), and sec-butylbenzene (14 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The other contaminants were also present in the April 3, 2020 groundwater samples but decreased in this sampling event. There were no exceedances in the groundwater sample obtained from MW-2.

As part of the SMP submitted to the DEC on July 30, 2020, two rounds of groundwater sampling were proposed after termination of dewatering activities and return to static conditions to determine whether asymptotic bulk reduction has been achieved. Furthermore, following review by NYSDEC, the MW-1 samples were determined to not be representative groundwater samples because the well screen did not intersect the water table at the time of sampling. MW-1 reinstallation was also proposed as part of the SMP; to resolve this issue, the Site developers and EBC mobilized to the Site on January 14, 2021 to lift the installed well until the screen intersected the water table. This well adjustment was not accepted by DEC and DEC requested the well be re-installed.

EBC mobilized to the site on January 21, 2021 to obtain a round of groundwater samples from MW-1 and MW-2. The wells were purged prior to sampling as per QA/QC protocol and the logs were provided. In MW-1, levels of 2-isopropyltoluene (13 µg/L), isopropylbenzene (37 µg/L), n-propylbenzene (60 µg/L), and sec-butylbenzene (36 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The groundwater sample obtained from MW-2 exhibited a slight exceedance for benzene (1.1 µg/L). The contaminant levels in both wells are below the baseline contaminant levels but have slightly increased since the last sampling event.

Description of Field Sampling Event

After the termination of dewatering activities, EBC mobilized to the site on June 30, 2021 to obtain a round of groundwater samples from MW-2. As per an email correspondence with DEC on June 28, 2021,the Q2 2021 sampling would only entail collecting a sample from MW-2.

Reinstallation of MW-1 was scheduled for Q3 2021.The well was purged prior to sampling as per QA/QC protocol and the logs are provided as **Attachment A**.

The samples were transferred into lab-supplied HCl preserved 40 mL vials and stored in an ice-packed cooler before being sent to Phoenix Laboratories (Manchester, CT NELAP NY #11301) for analysis of VOCs via EPA Method 8260.

Analysis of Results and Future Work

EBC mobilized to the Site on June 30, 2021 to collect groundwater samples from MW-2. The groundwater sample obtained from MW-2 did not note any exceedances for NYSDEC Groundwater Quality Standards. The contaminant levels in MW2 are below the baseline contaminant levels and have decreased since the last sampling event.

The laboratory report for the June 30, 2021 sampling event are provided as **Attachment B.** Another round of groundwater sampling and reinstallation of MW-1 is scheduled for the next quarter, Q3 2021. The contaminant concentrations will continue to be monitored until the DEC determines that asymptotic bulk reduction has been achieved at the Site.

I thank you for your prompt attention to this matter. Please, let me know if you need any additional information. I can be reached at the above number.

Respectfully submitted,

Ariel Czemerinski, PE
AMC Engineering, PLLC

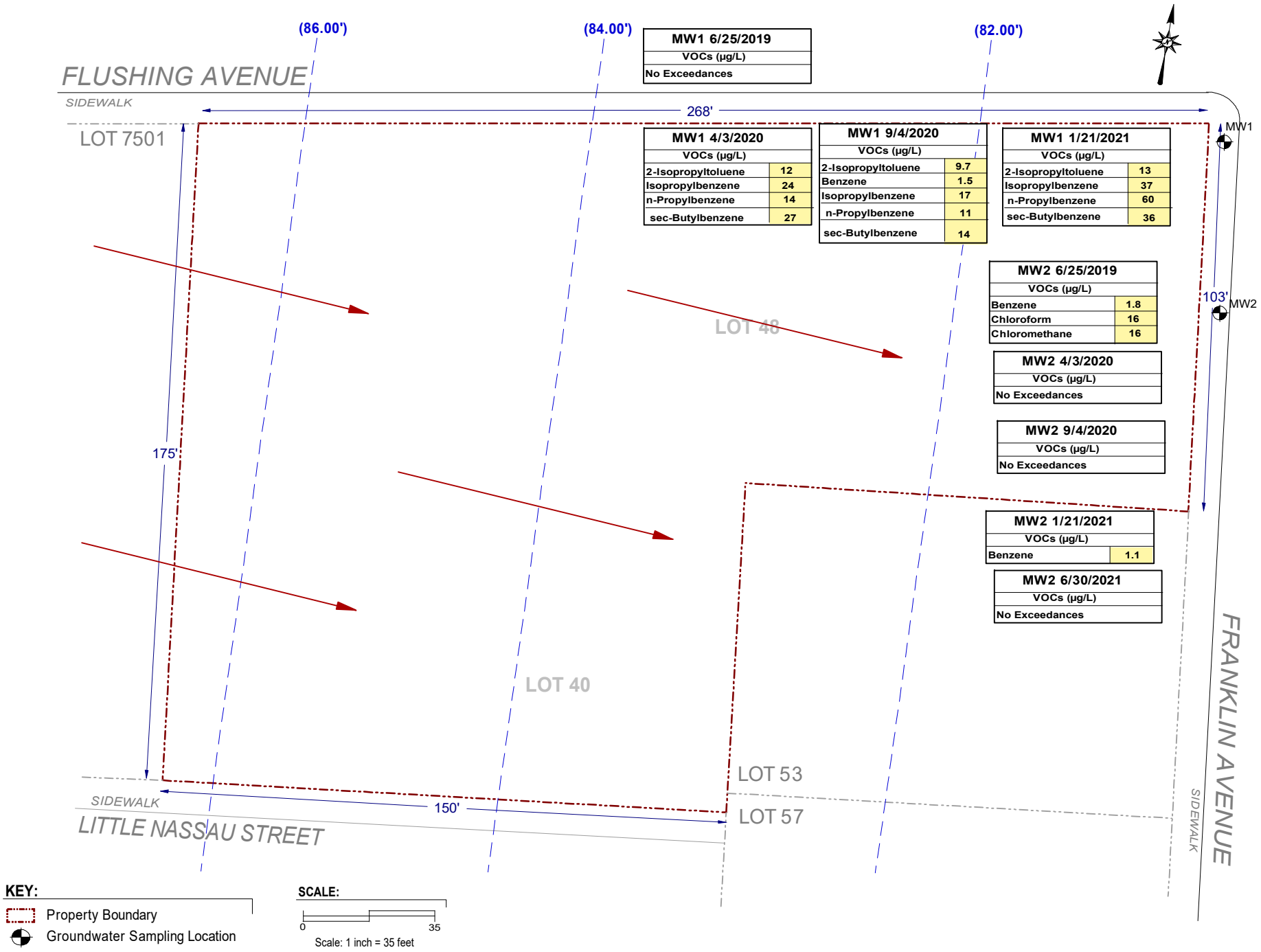
Cc: Zelig Weiss
Riverside Developers
266 Broadway, Suite 301
Brooklyn, NY 11211

Attachments

Figure 1: Site Plan

Table 1: MW-1 Sampling Summary
Table 2: MW-2 Sampling Summary

Attachment A: Purge Logs for June 30, 2021 Sampling Event
Attachment B: June 30, 2021 Sampling Laboratory Report



AMC Engineering
1836 42nd Street
Astoria, NY 11105

Figure No. **1**

Site Name:	376-378 Flushing Avenue
Site Address:	376-378 Flushing Avenue, Brooklyn, NY 11205
Drawing Title:	Groundwater Contour Map

Table 1
376 Flushing Avenue
Brooklyn, New York
MW-1 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019				4/3/2020				9/4/2020				Q1 2021	
		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1	
		6/25/2019		6/25/2019		4/3/2020		4/3/2020		9/4/2020		9/4/2020		1/21/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,1,2-Trichloroethane	1	< 1.0	1.0	**1.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3
1,2-Dichlorobenzene		**0.39**	1.0	**0.42**	1.0	**0.45**	1.0	**0.56**	1.0	**0.39**	1.0	**0.42**	1.0	< 0.25	0.25
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 4.7	4.7
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,4-Dichlorobenzene		**0.45**	1.0	**0.45**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	**0.31**	1.0	< 5.0	5.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 500	500
1,4-Dioxane by SW8270DSIM		**0.56**	0.20	**0.58**	0.20	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13
2-Isopropyltoluene	5	**4.2**	1.0	**4.2**	1.0	**12**	1.0	**18**	1.0	**9.7**	1.0	**11**	1.0	**13**	5.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**0.62**	0.70	**0.58**	0.70	**0.45**	0.70	**0.56**	0.70	**1.5**	0.70	**1.5**	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Chlorobenzene	5	**0.47**	5.0	**0.48**	5.0	< 5.0	5.0	< 5.0	5.0	**0.27**	5.0	**0.27**	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	**0.36**	5.0	**0.46**	5.0	< 5.0	5.0	< 5.0	5.0	**5.5**	7.0
Chloromethane	5	**0.26**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**3**	1.0	**3**	1.0	**24**	1.0	**33**	1.0	**17**	1.0	**17**	1.0	**37**	5.0
m&p-Xylenes		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	**0.27**	1.0	< 5.0	5.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	**5**	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.26**	1.0	< 1.0	1.0	< 5.0	5.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
n-Butylbenzene	5	**0.28**	1.0	**0.31**	1.0	**2.1**	1.0	**3.3**	1.0	**1.7**	1.0	**1.7**	1.0	**2.3**	5.0
n-Propylbenzene	5	**0.49**	1.0	**0.54**	1.0	**14**	1.0	**19**	1.0	**11**	1.0	**11**	1.0	**60**	5.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	**0.34**	1.0	**0.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
sec-Butylbenzene	5	**4.8**	1.0	**5**	1.0	**27**	1.0	**38**	1.0	**14**	1.0	**15**	1.0	**36**	5.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Tert-butyl alcohol		< 50	50	< 50	50	**11**	50	**15**	50	< 50	50	< 50	50	< 250	250
tert-Butylbenzene	5	**4.2**	1.0	**4.3**	1.0	**4.8**	1.0	**6.9**	1.0	**4.6**	1.0	**4.6**	1.0	**4.5**	5.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Total VOCs		**19.72**		**21.36**		**96.78**		**140.28**		**61.01**		**63.07**		**158.3**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 2
376 Flushing Avenue
Brooklyn, New York
MW-2 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019		4/3/2020		9/4/2020		Q1 2021			
		MW2		MW2		MW2		MW2		Duplicate (MW2)	
		6/25/2019		4/3/2020		9/4/2020		1/21/2021		1/21/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0	**0.37**	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		**0.65**	0.20	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	**8.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**1.8**	0.70	**0.36**	0.70	**0.66**	0.70	**1.1**	0.70	**0.75**	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**0.51**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	**0.63**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	**0.44**	5.0	**1.6**	5.0	**1.8**	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	**0.82**	1.0	**0.47**	1.0	**1.1**	1.0	**0.56**	1.0	**0.51**	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**2.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes		**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	**0.83**	1.0	**29**	2.0	**3.3**	1.0	**3.3**	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**1**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**2.8**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**3.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.53**	1.0	**0.57**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	**25**	50	**50**	50	**47**	50
tert-Butylbenzene	5	**0.62**	1.0	**0.26**	1.0	**0.47**	1.0	**2**	1.0	**2.2**	1.0
Tetrachloroethene	5	**1.1**	1.0	**0.97**	1.0	**1.1**	1.0	**0.81**	1.0	**0.81**	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**2.6**	5.0
Toluene	5	**0.47**	1.0	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	**1.4**	1.0	**1.4**	1.0	**2**	1.0	**1**	1.0	**1.1**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**61.24**		**4.92**		**61.24**		**61.22**		**61.01**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Attachment A: Purge Logs for June 30, 2021 Sampling Event

Former NY Cleaning and Dyeing
376 Flushing Avenue Brooklyn

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Well Depth (from TOC): 29.45

Static Water Level (from TOC): 16.35

Height of Water in Well: 13.10

Gallons of Water per Well Volume: 2.18

Date: 6-30-21

Equipment: Horiba, Peristaltic Pump

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
10:45	400ml/min	0	7.37	2.89	20.87	4.44	-135	135	1.86	light turbidity
10:50		0.55	7.04	2.90	18.33	1.31	-168	110	1.86	clear
10:55		1.1	7.06	2.91	18.04	1.02	-179	109	1.87	clear
11:00		1.65	7.12	3.04	18.07	0.81	-177	107	1.95	clear
11:05		2.2	7.11	3.11	18.72	1.02	-175	105	1.99	clear
11:10		2.75	7.11	3.14	19.10	0.83	-172	100	1.99	clear
11:15		3.85	7.12	3.09	19.16	0.69	-172	94.2	1.98	Temperature readings likely increasing due
11:20		4.4	7.13	3.15	19.47	0.72	-169	86.3	2.03	to high ambient temperature
11:25		4.95	7.14	3.19	19.59	0.60	-168	75.7	2.04	clear
11:30		5.5	7.14	3.20	19.96	0.60	-166	56.4	2.05	clear
11:35		6.05	7.14	3.19	20.31	0.57	-165	51.2	2.04	clear
11:40	↓	6.6	7.14	3.18	20.55	0.55	-164	48.3	2.04	Collected sample

Note 400 ml = 0 11 gallons

Attachment B: June 30, 2021 Sampling Laboratory Report

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 14, 2021

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **376 FLUSHING AVE BROOKLYN**
SDG ID: **GCI66581**
Sample ID#s: CI66581 - CI66583

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Environmental Business Consultants

Project: 376 FLUSHING AVE BROOKLYN

Laboratory Project: GCI66581

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

July 14, 2021 **SDG I.D.: GCI66581**

Environmental Business Consultants 376 FLUSHING AVE BROOKLYN

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

July 14, 2021 **SDG I.D.: GCI66581**

Environmental Business Consultants 376 FLUSHING AVE BROOKLYN

Laboratory Chronicle

The samples in this delivery group were received at 2.1°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CI66581	1,4-dioxane	06/30/21	07/04/21	07/04/21	MH	Y
CI66581	Client MS/MSD	06/30/21	07/04/21	07/04/21		Y
CI66581	Volatiles	06/30/21	07/04/21	07/04/21	MH	Y
CI66582	1,4-dioxane	06/30/21	07/04/21	07/04/21	MH	Y
CI66582	Volatiles	06/30/21	07/04/21	07/04/21	MH	Y
CI66583	1,4-dioxane	06/30/21	07/04/21	07/04/21	MH	Y
CI66583	Volatiles	06/30/21	07/04/21	07/04/21	MH	Y

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

NY # 11301

SDG Comments

July 14, 2021

SDG I.D.: GCI66581

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

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

July 14, 2021

SDG I.D.: GCI66581

Project ID: 376 FLUSHING AVE BROOKLYN

Client Id	Lab Id	Matrix
MW2	CI66581	GROUND WATER
GW DUPLICATE 6.30	CI66582	GROUND WATER
TRIP BLANKS	CI66583	GROUND WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	06/30/21	11:40
Location Code:	EBC	Received by:	CP	07/01/21	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI66581
Phoenix ID: CI66581

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					07/04/21			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: MW2

Phoenix I.D.: CI66581

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
Acetone	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Benzene	0.38	J	0.70	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
cis-1,2-Dichloroethene	0.45	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/04/21	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.29	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/04/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/04/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
tert-Butylbenzene	0.77	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Tetrachloroethene	0.35	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
Trichloroethene	0.77	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	07/04/21	MH	70 - 130 %	
% Bromofluorobenzene	99				%	1	07/04/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: MW2

Phoenix I.D.: CI66581

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	109			%	1	07/04/21	MH	70 - 130 %
% Toluene-d8	95			%	1	07/04/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/04/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/04/21	MH	SW8260C

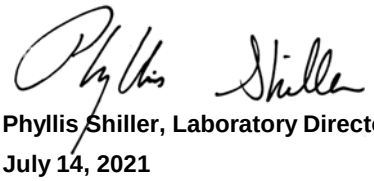
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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

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



Phyllis Shiller, Laboratory Director

July 14, 2021

Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	06/30/21	
Location Code:	EBC	Received by:	CP	07/01/21	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI66581
Phoenix ID: CI66582

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: GW DUPLICATE 6.30

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: GW DUPLICATE 6.30

Phoenix I.D.: CI66582

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Benzene	0.37	J	0.70	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
cis-1,2-Dichloroethene	0.47	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/04/21	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.37	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/04/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/04/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
tert-Butylbenzene	0.76	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Tetrachloroethene	0.38	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
Trichloroethene	0.77	J	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	07/04/21	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	07/04/21	MH	70 - 130 %	
% Dibromofluoromethane	108				%	1	07/04/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: GW DUPLICATE 6.30

Phoenix I.D.: CI66582

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	07/04/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/04/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/04/21	MH	SW8260C

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

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

Comments:

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

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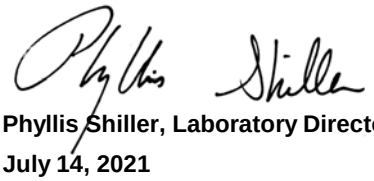


Phyllis Shiller, Laboratory Director
July 14, 2021
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 14, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	06/30/21	
Location Code:	EBC	Received by:	CP	07/01/21	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI66581
Phoenix ID: CI66583

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: TRIP BLANKS

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/04/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: TRIP BLANKS

Phoenix I.D.: CI66583

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	07/04/21	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	07/04/21	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	07/04/21	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/04/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	07/04/21	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95			%	1	07/04/21	MH	70 - 130 %	
% Bromofluorobenzene	100			%	1	07/04/21	MH	70 - 130 %	
% Dibromofluoromethane	109			%	1	07/04/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE BROOKLYN
Client ID: TRIP BLANKS

Phoenix I.D.: CI66583

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94			%	1	07/04/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/04/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/04/21	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/04/21	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/04/21	MH	SW8260C

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

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

Comments:

TRIP BLANK INCLUDED.

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

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

Phyllis Shiller, Laboratory Director
July 14, 2021
Reviewed and Released by: Maryam Taylor, Project Manager

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

NY # 11301

QA/QC Report

July 14, 2021

QA/QC Data

SDG I.D.: GCI66581

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 582318 (ug/L), QC Sample No: CI66581 (CI66581, CI66582, CI66583)											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	104	105	1.0	97	102	5.0	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	101	99	2.0	105	105	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	99	98	1.0	101	101	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	95	97	2.1	97	100	3.0	70 - 130	30	
1,1-Dichloroethane	ND	1.0	99	97	2.0	104	105	1.0	70 - 130	30	
1,1-Dichloroethene	ND	1.0	97	93	4.2	103	104	1.0	70 - 130	30	
1,1-Dichloropropene	ND	1.0	95	93	2.1	102	101	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	102	106	3.8	104	105	1.0	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	91	94	3.2	90	93	3.3	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	100	103	3.0	99	101	2.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	95	94	1.1	97	96	1.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	104	106	1.9	83	91	9.2	70 - 130	30	
1,2-Dibromoethane	ND	1.0	99	98	1.0	95	99	4.1	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	96	97	1.0	98	100	2.0	70 - 130	30	
1,2-Dichloroethane	ND	1.0	95	97	2.1	97	101	4.0	70 - 130	30	
1,2-Dichloropropane	ND	1.0	100	98	2.0	95	101	6.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	94	94	0.0	98	96	2.1	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	93	93	0.0	94	95	1.1	70 - 130	30	
1,3-Dichloropropane	ND	1.0	97	96	1.0	94	97	3.1	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	96	96	0.0	98	98	0.0	70 - 130	30	
1,4-dioxane	ND	100	106	133	22.6	131	128	2.3	70 - 130	30	l,m
2,2-Dichloropropane	ND	1.0	104	100	3.9	71	75	5.5	70 - 130	30	
2-Chlorotoluene	ND	1.0	97	94	3.1	97	97	0.0	70 - 130	30	
2-Hexanone	ND	5.0	100	101	1.0	97	101	4.0	70 - 130	30	
2-Isopropyltoluene	ND	1.0	104	103	1.0	108	107	0.9	70 - 130	30	
4-Chlorotoluene	ND	1.0	93	93	0.0	97	96	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	101	100	1.0	97	101	4.0	70 - 130	30	
Acetone	ND	5.0	102	103	1.0	123	117	5.0	70 - 130	30	
Acrolein	ND	5.0	105	106	0.9	96	94	2.1	70 - 130	30	
Acrylonitrile	ND	5.0	97	99	2.0	92	105	13.2	70 - 130	30	
Benzene	ND	0.70	97	95	2.1	99	100	1.0	70 - 130	30	
Bromobenzene	ND	1.0	100	98	2.0	99	100	1.0	70 - 130	30	
Bromochloromethane	ND	1.0	94	94	0.0	95	96	1.0	70 - 130	30	
Bromodichloromethane	ND	0.50	97	97	0.0	94	99	5.2	70 - 130	30	
Bromoform	ND	1.0	99	98	1.0	86	92	6.7	70 - 130	30	
Bromomethane	ND	1.0	131	127	3.1	61	87	35.1	70 - 130	30	l,m,r
Carbon Disulfide	ND	1.0	110	107	2.8	114	115	0.9	70 - 130	30	
Carbon tetrachloride	ND	1.0	105	100	4.9	101	105	3.9	70 - 130	30	
Chlorobenzene	ND	1.0	98	97	1.0	100	101	1.0	70 - 130	30	
Chloroethane	ND	1.0	119	119	0.0	123	121	1.6	70 - 130	30	
Chloroform	ND	1.0	94	93	1.1	98	100	2.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCI66581

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	1.0	130	130	0.0	100	102	2.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	99	97	2.0	100	103	3.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	100	101	1.0	92	97	5.3	70 - 130	30	
Dibromochloromethane	ND	0.50	104	103	1.0	97	101	4.0	70 - 130	30	
Dibromomethane	ND	1.0	94	94	0.0	91	96	5.3	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	164	158	3.7	121	120	0.8	70 - 130	30	l
Ethylbenzene	ND	1.0	99	98	1.0	101	101	0.0	70 - 130	30	
Hexachlorobutadiene	ND	0.40	104	101	2.9	94	96	2.1	70 - 130	30	
Isopropylbenzene	ND	1.0	96	96	0.0	100	99	1.0	70 - 130	30	
m&p-Xylene	ND	1.0	94	92	2.2	96	97	1.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	101	103	2.0	110	115	4.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	111	113	1.8	111	114	2.7	70 - 130	30	
Methylene chloride	ND	1.0	91	89	2.2	92	94	2.2	70 - 130	30	
Naphthalene	ND	1.0	100	103	3.0	99	107	7.8	70 - 130	30	
n-Butylbenzene	ND	1.0	93	94	1.1	97	95	2.1	70 - 130	30	
n-Propylbenzene	ND	1.0	94	94	0.0	99	96	3.1	70 - 130	30	
o-Xylene	ND	1.0	97	96	1.0	96	97	1.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	94	97	3.1	99	98	1.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	102	104	1.9	108	107	0.9	70 - 130	30	
Styrene	ND	1.0	97	96	1.0	96	98	2.1	70 - 130	30	
tert-butyl alcohol	ND	10	110	112	1.8	75	78	3.9	70 - 130	30	
tert-Butylbenzene	ND	1.0	94	94	0.0	97	96	1.0	70 - 130	30	
Tetrachloroethene	ND	1.0	96	93	3.2	99	99	0.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	90	94	4.3	103	105	1.9	70 - 130	30	
Toluene	ND	1.0	99	97	2.0	101	102	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	105	101	3.9	108	109	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	100	101	1.0	84	88	4.7	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	112	115	2.6	68	75	9.8	70 - 130	30	m
Trichloroethene	ND	1.0	98	97	1.0	102	100	2.0	70 - 130	30	
Trichlorofluoromethane	ND	1.0	126	120	4.9	134	134	0.0	70 - 130	30	m
Trichlorotrifluoroethane	ND	1.0	106	104	1.9	118	117	0.9	70 - 130	30	
Vinyl chloride	ND	1.0	131	126	3.9	118	119	0.8	70 - 130	30	l
% 1,2-dichlorobenzene-d4	95	%	100	102	2.0	100	103	3.0	70 - 130	30	
% Bromofluorobenzene	100	%	101	103	2.0	101	104	2.9	70 - 130	30	
% Dibromofluoromethane	109	%	101	106	4.8	102	104	1.9	70 - 130	30	
% Toluene-d8	94	%	102	102	0.0	103	103	0.0	70 - 130	30	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
July 14, 2021

Wednesday, July 14, 2021

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCI66581 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CI66581	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI66581	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI66581	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI66582	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI66582	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI66582	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CI66583	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CI66583	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CI66583	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 14, 2021

SDG I.D.: GCI66581

The samples in this delivery group were received at 2.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 2.1 °C Pg 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax:
☐ Phone: 631-504-6000
☑ Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 376 Flushing Avenue Brooklyn
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Thomas Gallo Date: 6-30-21

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260 C	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container [ ] oz	GL Soil container [ ] oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
606581	MW2	GW	6-30	11:40	X						9				
606582	GW Duplicate 6.30	GW	6-30		X						3				
606583	Trip blanks				X						2				

Relinquished by:	Accepted by:	Date:	Time:
		7.1.21	10.21
		7/1/21	1623

Comments, Special Requirements or Regulations:

Run MS/MSD on MW2

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

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

NY
☒ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

State where samples were collected: NY

AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
Phone: (718) 545-0474
ariel@amc-engineering.com

November 9, 2021

Wendi Zheng
NYS Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: SMP Monitoring Well Q3 2021 Groundwater Sampling Results
376-378 FLUSHING AVENUE, BROOKLYN, NY
BCP Number: C-224264

Dear Ms.Zheng,

This letter is submitted as a summary of the Q3 2021 post-dewatering groundwater sampling results at the Former NY Cleaning and Dyeing Site, 376-378 Flushing Avenue. In accordance with the SMP submitted to the DEC on July 30, 2020, wherein additional rounds of groundwater sampling in MW-1 and MW-2 were proposed, EBC mobilized onto the Site on June 30, 2021 to obtain a round of samples after dewatering activities had ceased. Dewatering activities officially ceased on August 17, 2020, after which a Notice of Completion was submitted to the DEC on August 21, 2020. C^2 Environmental mobilized to the Site on July 7, 2021, and July 9, 2021, to reinstall MW-1 for monitoring, under the instruction of AMC Engineering. Following the reinstallation of MW-1, EBC mobilized to sample both monitoring wells, MW-1 and MW-2.

Background

On January 17, 2017, EBC mobilized to the Site to obtain groundwater samples from onsite monitoring wells as part of its Remedial Investigation (RI). At this point in time, monitoring wells, MW-1 and MW-2, had not been constructed. However, of the monitoring wells present at the time, GW5 was closest to where MW-1 and MW-2 are currently installed; GW5 was approximately 93ft to the West of MW-1 and 100ft to the Northwest of MW-2 (**See Figure 1- Site Plan**). The groundwater sampling from GW5 establishes the historic site conditions prior to any excavation and dewatering activities at the site and shall serve as a basis of comparison for the achievement of bulk asymptotic reduction at the Site. As noted in **Table 1**, the levels of 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 2-isopropyltoluene; bromomethane; ethylbenzene; isopropylbenzene; naphthalene; n-butylbenzene; n-propylbenzene; o-Xylene; p-Isopropyltoluene; sec-Butylbenzene; and tert-butyl alcohol were in exceedance of NYSDEC Groundwater Quality Standards.

Prior to the commencement of dewatering activities, EBC remobilized to the Site on June 25, 2019 to obtain groundwater samples from MW-1 and MW-2 to serve as a baseline. Groundwater sampling results for MW-1 and MW-2 are presented in **Tables 1** and **2,** respectively. There were no exceedances in MW-1; however, there were exceedances in MW-2 for benzene (1.8 µg/L), chloroform (16 µg/L), and chloromethane (16 µg/L). Chloroform and chloromethane were not

detected in the soil during the RI and are not-site related contaminants. In addition, if benzene were indicative of site-related contamination, ethylbenzene, toluene, and total xylenes would also be contaminants of concern in the groundwater sampling. It should be noted that GW5, which was found onsite, did not have any benzene exceedances. Compared to the contaminant levels in GW5, the level of contaminants was found to be significantly lower in the baseline sample.

Following the completion of excavation activities, EBC remobilized to the Site on April 3, 2020 to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (12 µg/L), isopropylbenzene (24 µg/L), n-propylbenzene (14 µg/L), and sec-butylbenzene (27 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. There were no exceedances in the groundwater sample from MW-2.

On September 4, 2020, EBC mobilized to the Site to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (9.7 µg/L), benzene (1.5 µg/L), isopropylbenzene (17 µg/L), n-propylbenzene (11 µg/L), and sec-butylbenzene (14 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The other contaminants were also present in the April 3, 2020 groundwater samples but decreased in this sampling event. There were no exceedances in the groundwater sample obtained from MW-2.

As part of the SMP submitted to the DEC on July 30, 2020, two rounds of groundwater sampling were proposed after termination of dewatering activities and return to static conditions to determine whether asymptotic bulk reduction has been achieved. Furthermore, following review by NYSDEC, the MW-1 samples were determined to not be representative groundwater samples because the well screen did not intersect the water table at the time of sampling. MW-1 reinstallation was also proposed as part of the SMP; to resolve this issue, the Site developers and EBC mobilized to the Site on January 14, 2021 to lift the installed well until the screen intersected the water table. This well adjustment was not accepted by DEC and DEC requested the well be re-installed.

EBC mobilized to the site on January 21, 2021 to obtain a round of groundwater samples from MW-1 and MW-2. The wells were purged prior to sampling as per QA/QC protocol and the logs were provided. In MW-1, levels of 2-isopropyltoluene (13 µg/L), isopropylbenzene (37 µg/L), n-propylbenzene (60 µg/L), and sec-butylbenzene (36 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The groundwater sample obtained from MW-2 exhibited a slight exceedance for benzene (1.1 µg/L). The contaminant levels in both wells are below the baseline contaminant levels but have slightly increased since the prior sampling event.

As per the DEC's instructions, only MW-2 was sampled pending the reinstallation of MW-1. EBC mobilized to the site on June 30, 2021 to obtain a round of groundwater samples from MW-1 and MW-2. There were no exceedances in the groundwater sample obtained from MW-2 and the contaminant levels decreased overall as compared to the January 21, 2021 sampling event.

Description of Field Sampling Event

C^2 Environmental mobilized onsite on July 7, 2021 and attempted to remove the existing MW-1 casing and reinstall the monitoring well. The soil remains from the installation of the well were sampled on July 7, 2021. One (1) composite sample was transferred into a lab-supplied eight (8)-ounce glass jar and three (3) grab samples were transferred into lab-supplied methanol and H_2O preserved 40 mL vials. The samples were then stored in an ice-packed cooler before being sent to Phoenix Laboratories (Manchester, CT NELAP NY #11301) for analysis as per disposal facility requirements.

C^2 Environmental remobilized to the Site and successfully reinstalled MW-1 on July 9, 2021. The well construction log is provided as **Attachment A**. Sampling could not be performed during Q3 of 2021 due to site logistics. However, the groundwater samples obtained on October 1, 2021 will be submitted for review as part of the Q3 sampling. The well was purged prior to sampling as per QA/QC protocol and the logs are provided as **Attachment B**.

The samples were transferred into lab-supplied HCl preserved 40 mL vials and stored in an ice-packed cooler before being sent to Phoenix Laboratories (Manchester, CT NELAP NY #11301) for analysis of VOCs via EPA Method 8260.

Analysis of Results and Future Work

During the initial mobilization to reinstall MW-1, soil samples were collected for analysis while the remaining soil was stored in a drum for disposal. The composite and grabs did not exhibit any exceedances for NY Unrestricted SCOs and NY Restricted SCOs (see **Attachment C** for soil sampling laboratory analysis results). These results were submitted and accepted by Clean Water of New York, Inc for disposal (see **Attachment D** for disposal approval). On August 6, 2021, the soil drum was collected and disposed of by Clean Water of New York. A manifest for the drum collection is provided as **Attachment E**.

EBC mobilized to the Site on October 1, 2021 to collect groundwater samples from both MW-1 and MW-2. This sample set constitutes the first quarterly (Q1) sample for MW-1 and the third quarterly (Q3) sample for MW-2. In MW-1, levels of 2-isopropyltoluene (11 µg/L), isopropylbenzene (22 µg/L), n-propylbenzene (21 µg/L), and sec-butylbenzene (17 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. All other VOC contaminant levels in MW-1 were below the levels set by NYSDEC GQS. This is the first representative sample from MW-1. The groundwater sample obtained from MW-2 did not exhibit any exceedances of NYSDEC Groundwater Quality Standards. Although MW-2 had not yet been installed in 2017, groundwater samples obtained on January 17, 2017, from GW5, a groundwater monitoring well that was geographically close to MW-2, demonstrated that total VOC levels at the Site have drastically subsided. This is shown in **Figure 2**.

The laboratory report for the October 1, 2021 sampling event are provided as **Attachment F.** The contaminant concentrations will continue to be monitored as per the SMP, which proposed an additional two representative sampling events following its submission. As mentioned previously, this sampling event represents the first quarterly (Q1) sample for MW-1 and the third quarterly (Q3) sample for MW-2. An additional sampling event will occur in the fourth quarter of 2021, at which point a determination will be made as to whether asymptotic reduction has been achieved in both wells.

I thank you for your prompt attention to this matter. Please, let me know if you need any additional information. I can be reached at the above number.
Respectfully submitted,

Ariel Czemerinski, PE
AMC Engineering, PLLC

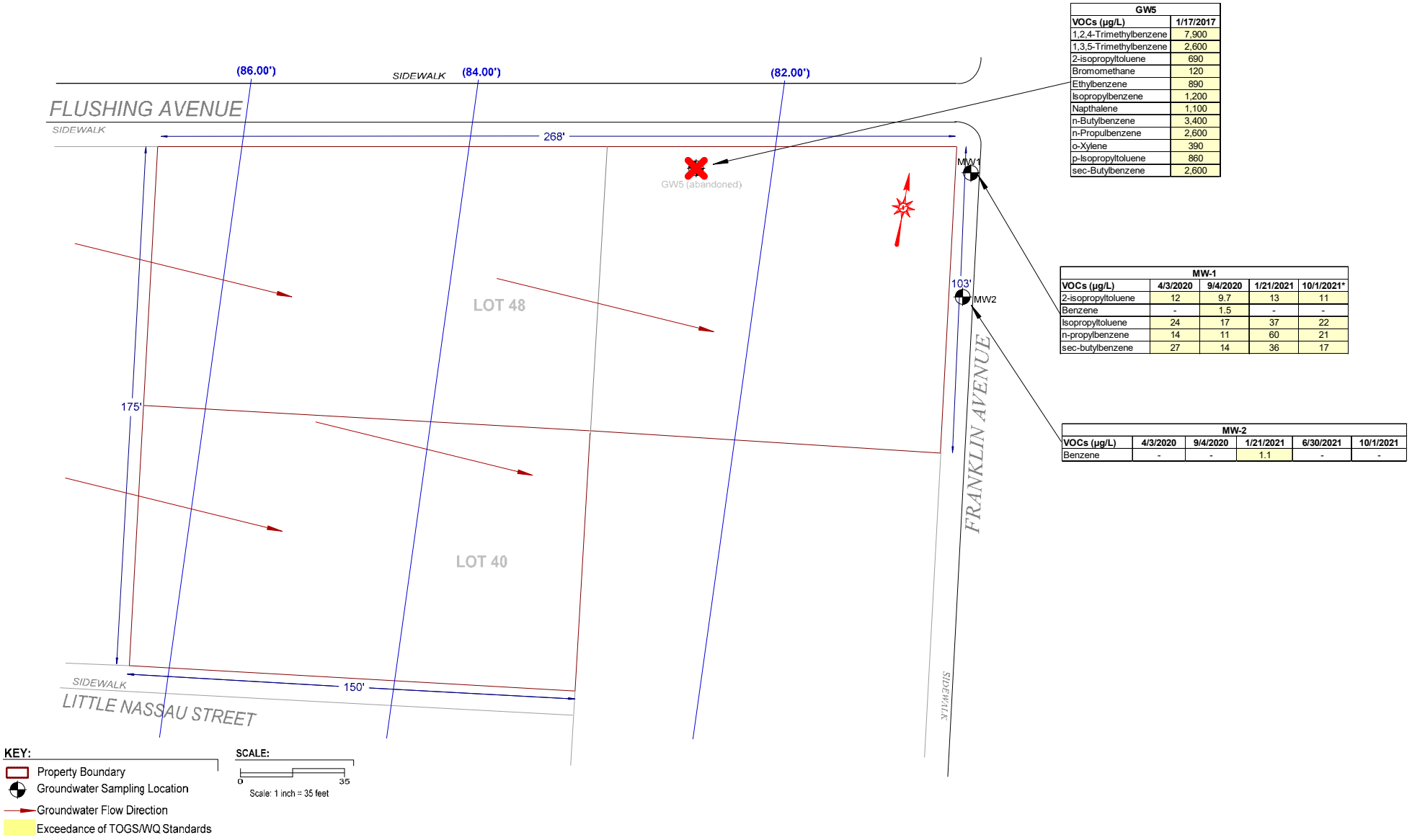
Cc: Zelig Weiss
Riverside Developers
266 Broadway, Suite 301
Brooklyn, NY 11211

Attachments

Figure 1: Site Plan
Figure 2: Total Concentration v. Time in MW2

Table 1: MW-1 Sampling Summary
Table 2: MW-2 Sampling Summary

Attachment A: MW-1 Well Construction Log
Attachment B: Purge Logs for October 1, 2021 Sampling Event
Attachment C: July 7, 2021 Soil Sampling Laboratory Report
Attachment D: Clean Water of New York Inc Disposal Approval
Attachment E: Soil Drum Disposal Manifest
Attachment F: October 1, 2021 Groundwater Sampling Laboratory Report



GW5	
VOCs (µg/L)	1/17/2017
1,2,4-Trimethylbenzene	7,900
1,3,5-Trimethylbenzene	2,600
2-isopropyltoluene	690
Bromomethane	120
Ethylbenzene	890
Isopropylbenzene	1,200
Napthalene	1,100
n-Butylbenzene	3,400
n-Propulbenzene	2,600
o-Xylene	390
p-Isopropyltoluene	860
sec-Butylbenzene	2,600

MW-1				
VOCs (µg/L)	4/3/2020	9/4/2020	1/21/2021	10/1/2021*
2-isopropyltoluene	12	9.7	13	11
Benzene	-	1.5	-	-
Isopropyltoluene	24	17	37	22
n-propylbenzene	14	11	60	21
sec-butylbenzene	27	14	36	17

MW-2					
VOCs (µg/L)	4/3/2020	9/4/2020	1/21/2021	6/30/2021	10/1/2021
Benzene	-	-	1.1	-	-

*Following the reinstallation of MW-1 in Q3 of 2021, the first quarterly (Q1) samples for MW-1 were collected on October 1, 2021.

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Date: 11/09/2021

Figure 1: Site Plan with Remaining Exceedances Above TOGS/WQ Standards

Former NY Cleaning and Dyeing Site
376-378 Flushing Avenue, Brooklyn, New York

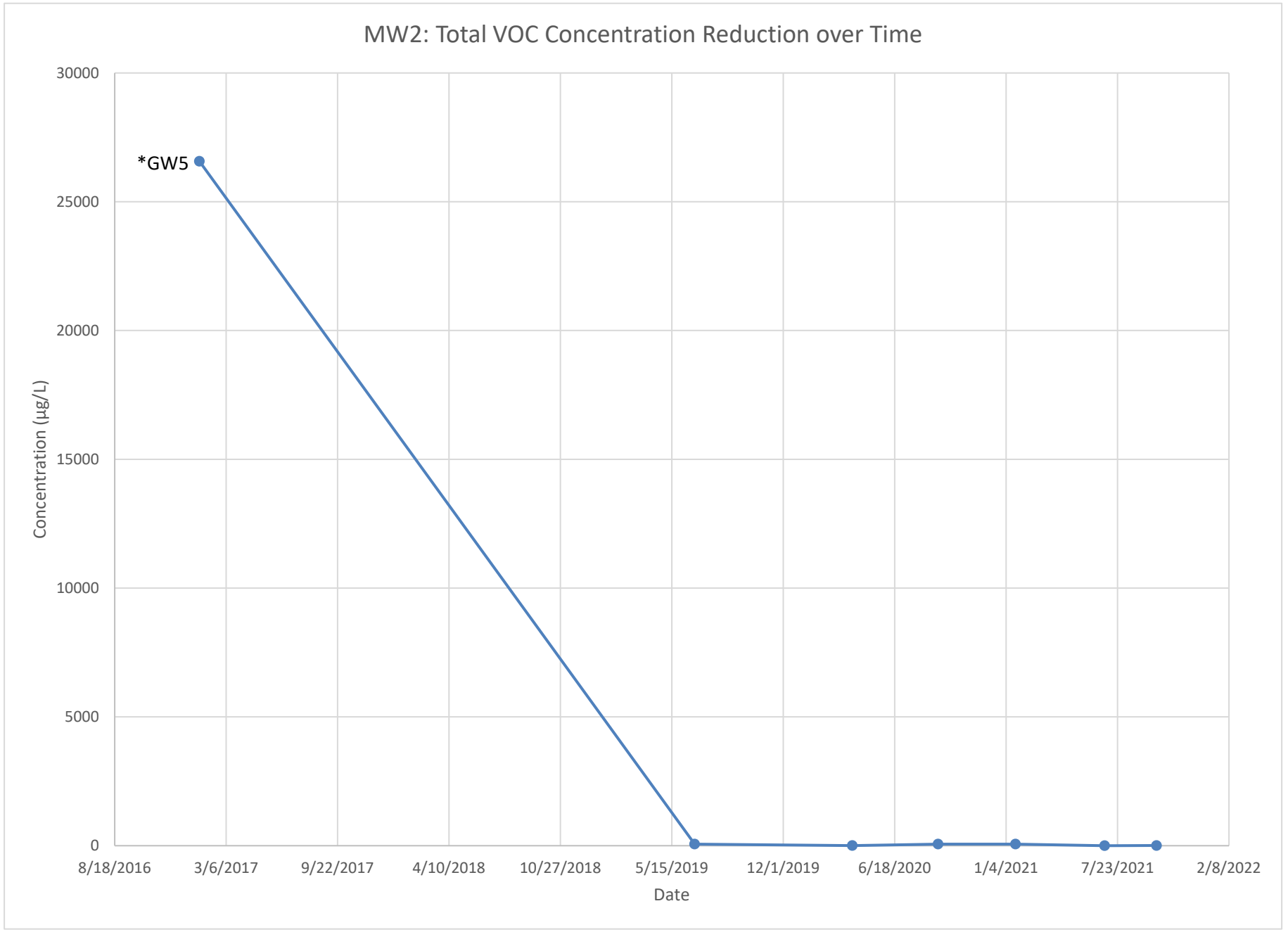

MW2: Total VOC Concentration Reduction over Time
30000
25000
20000
15000
10000
5000
0
Concentration (µg/L)
*GW5
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
Date

Table 1
376 Flushing Avenue
Brooklyn, New York
MW-1 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019				4/3/2020				9/4/2020				Q1 2021		Q3 2021	
		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1		MW1*	
		6/25/2019		6/25/2019		4/3/2020		4/3/2020		9/4/2020		9/4/2020		1/21/2021		10/1/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	**1.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	**0.25**
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	**0.50**
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3	< 0.25	**0.25**
1,2-Dichlorobenzene		**0.39**	1.0	**0.42**	1.0	**0.45**	1.0	**0.56**	1.0	**0.39**	1.0	**0.42**	1.0	< 0.25	0.25	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 4.7	4.7	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
1,4-Dichlorobenzene		**0.45**	1.0	**0.45**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	**0.31**	1.0	< 5.0	5.0	< 1.0	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 500	500	< 100	100
1,4-Dioxane by SW8270DSIM		**0.56**	0.20	**0.58**	0.20	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5
2-Isopropyltoluene	5	**4.2**	1.0	**4.2**	1.0	**12**	1.0	**18**	1.0	**9.7**	1.0	**11**	1.0	**13**	5.0	**11**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**0.62**	0.70	**0.58**	0.70	**0.45**	0.70	**0.56**	0.70	**1.5**	0.70	**1.5**	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Chlorobenzene	5	**0.47**	5.0	**0.48**	5.0	< 5.0	5.0	< 5.0	5.0	**0.27**	5.0	**0.27**	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	**0.36**	5.0	**0.46**	5.0	< 5.0	5.0	< 5.0	5.0	**5.5**	7.0	< 5.0	5.0
Chloromethane	5	**0.26**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**3**	1.0	**3**	1.0	**24**	1.0	**33**	1.0	**17**	1.0	**17**	1.0	**37**	5.0	**22**	1.0
m&p-Xylenes		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	**0.27**	1.0	< 5.0	5.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	**5**	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.26**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
n-Butylbenzene	5	**0.28**	1.0	**0.31**	1.0	**2.1**	1.0	**3.3**	1.0	**1.7**	1.0	**1.7**	1.0	**2.3**	5.0	**1.3**	1.0
n-Propylbenzene	5	**0.49**	1.0	**0.54**	1.0	**14**	1.0	**19**	1.0	**11**	1.0	**11**	1.0	**60**	5.0	**21**	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	**0.34**	1.0	**0.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
sec-Butylbenzene	5	**4.8**	1.0	**5**	1.0	**27**	1.0	**38**	1.0	**14**	1.0	**15**	1.0	**36**	5.0	**17**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	**11**	50	**15**	50	< 50	50	< 50	50	< 250	250	< 50	50
tert-Butylbenzene	5	**4.2**	1.0	**4.3**	1.0	**4.8**	1.0	**6.9**	1.0	**4.6**	1.0	**4.6**	1.0	**4.5**	5.0	**3.8**	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	**0.52**	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Total VOCs		**19.72**		**21.36**		**96.78**		**140.28**		**61.01**		**63.07**		**158.3**		**76.62**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

*First Quarterly (Q1) Sample for MW-1

Table 2
376 Flushing Avenue
Brooklyn, New York
MW-2 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019		4/3/2020		9/4/2020		Q1 2021				Q2 2021				Q3 2021			
		MW2		MW2		MW2		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)	
		6/25/2019		4/3/2020		9/4/2020		1/21/2021		1/21/2021		6/30/2021		6/30/2021		10/1/2021		10/1/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	**0.25**	< 0.25	**0.25**
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	**0.50**	< 0.50	**0.50**
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	**0.25**	< 0.25	**0.25**
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0	**0.37**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		**0.65**	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	**8.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**1.8**	0.70	**0.36**	0.70	**0.66**	0.70	**1.1**	0.70	**0.75**	0.70	**0.38**	0.70	**0.37**	0.70	< 0.70	0.70	**0.25**	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**0.51**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	**0.63**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	**0.44**	5.0	**1.6**	5.0	**1.8**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	**0.82**	1.0	**0.47**	1.0	**1.1**	1.0	**0.56**	1.0	**0.51**	1.0	**0.45**	1.0	**0.47**	1.0	**0.58**	1.0	**0.63**	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**2.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.33**	1.0	**0.41**	1.0
m&p-Xylenes		**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	**0.83**	1.0	**29**	2.0	**3.3**	1.0	**3.3**	1.0	**0.29**	1.0	**0.37**	1.0	**0.52**	1.0	**0.57**	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**1**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**2.8**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0
o-Xylene	5	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**3.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.53**	1.0	**0.57**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	**0.37**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	**25**	50	**50**	50	**47**	50	< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	**0.62**	1.0	**0.26**	1.0	**0.47**	1.0	**2**	1.0	**2.2**	1.0	**0.77**	1.0	**0.76**	1.0	**0.59**	1.0	**0.63**	1.0
Tetrachloroethene	5	**1.1**	1.0	**0.97**	1.0	**1.1**	1.0	**0.81**	1.0	**0.81**	1.0	**0.35**	1.0	**0.38**	1.0	**0.5**	1.0	**0.54**	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**2.6**	5.0	< 5.0	5.0	< 5.0	5.0	**3.9**	5.0	**4.4**	5.0
Toluene	5	**0.47**	1.0	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	**1.4**	1.0	**1.4**	1.0	**2**	1.0	**1**	1.0	**1.1**	1.0	**0.77**	1.0	**0.77**	1.0	**1.3**	1.0	**1.3**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**61.24**		**4.92**		**61.24**		**61.22**		**61.01**		**3.01**		**3.12**		**8.01**		**9.38**	

Notes:

RL - Reporting Limit

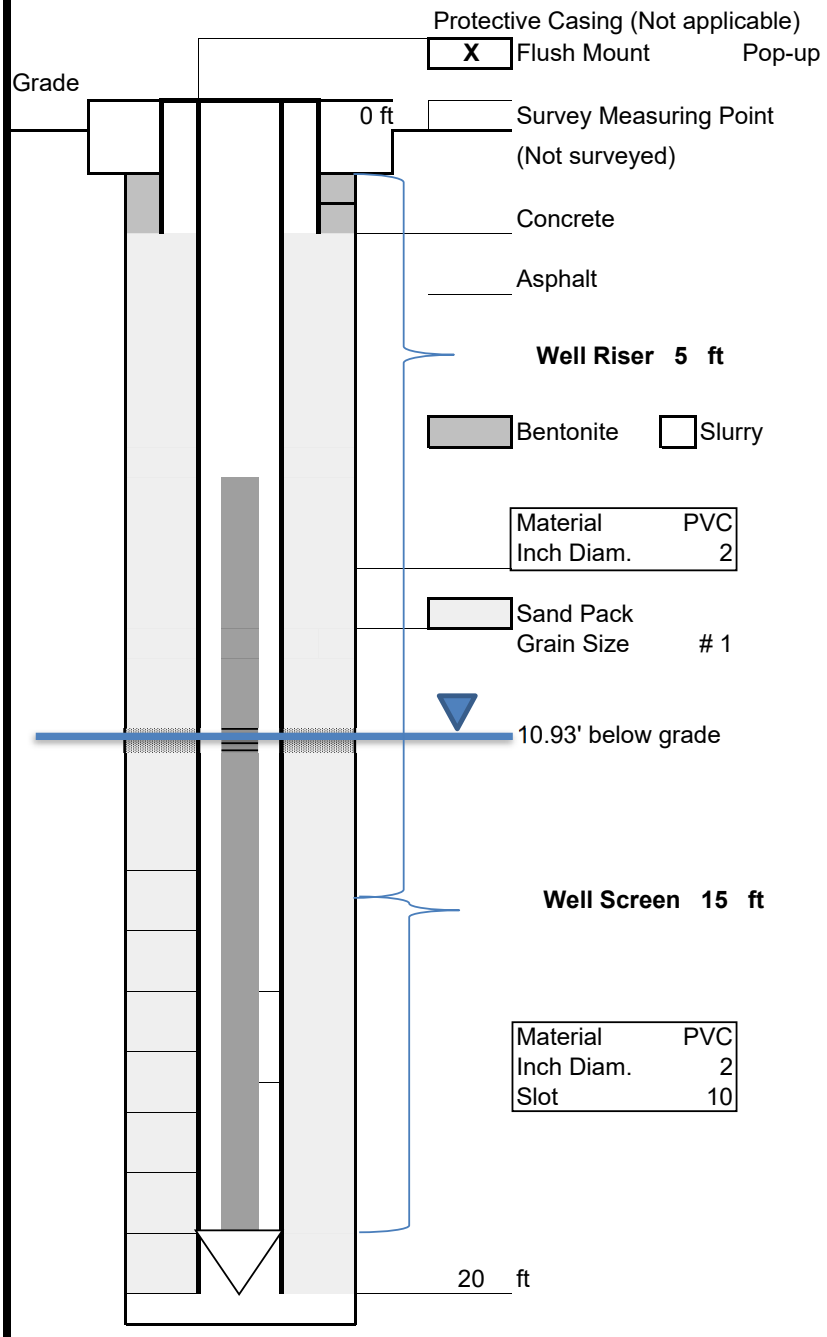
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Attachment A: MW-1 Well Construction Log

AMC Engineering PLLC

MONITORING WELL

CONSTRUCTION LOG MW1



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: **MW-1**

Project Name: 376-378 Flushing Avenue

Project Location: 376-378 Flushing Avenue

Well Location:

Depth to Groundwater: 10.93 ft Date: 7/9/2021
As measured from top of casing
Installation Depth: 20'

Survey Point Elevation:

Installation Date: 7/9/2021

Drilling Contractor: C Squared Environmental

Driller's Name: Max Perez

Installation Method: See Notes

Water Removed During Development: 0 gal

Engineer Ariel Czemerinski, PE

Company Name: AMC Engineering PLLC

Soil Characteristics Not surveyed

Notes: Original well installed on 1/14/2021 did not have a screen high enough to intersect the water table. This well was removed on 7/7/2021. A new well was installed on 7/7/2021 in the same original borehole to a depth of 20', bottom 15' screen and 5' riser. The well was finished on 7/9/2021.

Attachment B: Purge Logs for October 1, 2021 Sampling Event

GROUNDWATER PURGE / SAMPLE LOGS

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW-1

Date: 10/1/2021

Well Depth (from TOC): 17.1

Equipment: Peristaltic Pump

Static Water Level (from TOC): 10.5

Field Personnel: Douglas Benyei

Height of Water in Well: 6.6

Gallons of Water per Well Volume: 0.22

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºC)	DO (mg/L)	ORP (mV)	Comments
2:00	14:00	378.5 mL/min	0	7.25	2.29	19.74	3.17	-174	Turbid
2:05	14:05	378.5 mL/min	0.5	7.3	2.3	19.52	1.28	-186	Turbid
2:10	14:10	378.5 mL/min	1	7.31	2.39	19.33	0.88	-192	Turbid
2:15	14:15	378.5 mL/min	1.5	7.29	2.51	19.3	0.72	-191	Turbid
2:20	14:20	378.5 mL/min	2	7.28	2.55	19.3	0.68	-191	Turbid
2:25	14:25	378.5 mL/min	2.5	7.26	2.67	19.27	0.57	-188	Light trubid
2:30	14:30	378.5 mL/min	3	7.25	2.73	19.23	0.52	-187	Clear
2:35	14:35	378.5 mL/min	3.5	7.19	2.78	19.21	0.49	-183	Clear
2:40	14:40	378.5 mL/min	4	7.22	2.81	19.22	0.45	-185	Clear
2:45	14:45	378.5 mL/min	4.5	7.23	2.81	19.23	0.43	-186	Clear
2:50	14:50	378.5 mL/min	5	7.23	2.83	19.22	0.41	-196	Clear. Sampled

Note 3,785 ml = 1 gallon

GROUNDWATER PURGE / SAMPLE LOGS

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW-2

Date: 10/1/2021

Well Depth (from TOC): 29.6

Equipment: Peristaltic Pump

Static Water Level (from TOC): 15.3

Field Personnel: Douglas Benyei

Height of Water in Well: 14.3

Gallons of Water per Well Volume: 0.48

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºC)	DO (mg/L)	ORP (mV)	Comments
11:40	11:40	567.75	0.75	7.11	2.68	17.98	9.21	-161	Turbid
11:45	11:45	567.75	1.5	7.37	2.55	17.33	7.29	-199	Turbid
11:50	11:50	567.75	2.25	7.37	2.64	17.3	6.33	-197	Turbid
11:55	11:55	567.75	3	7.22	3.05	16.83	4.26	-169	Turbid
12:00	12:00	567.75	3.75	7.21	3.09	16.75	2.75	-166	Turbid
12:05	12:05	567.75	4.5	7.16	3.09	16.73	2.34	-159	Turbid
12:10	12:10	567.75	5.25	7.16	3.07	16.66	2.19	-158	Slight Turbid
12:15	12:15	567.75	6	7.15	3.06	16.65	1.89	-157	Slight Turbid
12:20	12:20	567.75	6.75	7.13	3.05	17.00	1.7	-153	Slight Turbid
12:25	12:25	567.75	7.5	7.13	3.06	17.11	1.62	-153	Slight Turbid
12:30	12:30	567.75	8.3	7.14	3.05	17.25	1.53	-152	Slight Turbid
12:35	12:35	567.75	9.0	7.12	3.03	17.24	1.43	-151	Slight Turbid
12:40	12:40	567.75	9.8	7.27	3.03	17.21	1.41	-150	Sampled

Note 3,785 ml = 1 gallon

Attachment C: July 7, 2021 Soil Sampling Laboratory Report

PHOENIX
Environmental Laboratories, Inc.

Tuesday, July 20, 2021

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **376 FLUSHIGN AVENUE BROOKLYN**
SDG ID: **GCI71056**
Sample ID#s: CI71056 - CI71057

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

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

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

July 20, 2021

SDG I.D.: GCI71056

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

PA Fill comment:
Some compounds were evaluated below the lowest calibration standard in order to meet the requested criteria. The requested criteria could not be achieved for some compounds because the limit of detection (LOD) was greater than the criteria.

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

NY # 11301

Sample Id Cross Reference

July 20, 2021

SDG I.D.: GCI71056

Project ID: 376 FLUSHIGN AVENUE BROOKLYN

Client Id	Lab Id	Matrix
DRUM COMP	CI71056	SOIL
DRUM GRAB	CI71057	SOIL

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 20, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/07/21	
Location Code:	EBC	Received by:	B	07/09/21	16:35
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI71056
Phoenix ID: CI71056

Project ID: 376 FLUSHIGN AVENUE BROOKLYN
Client ID: DRUM COMP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.40	0.40		mg/Kg	1	07/14/21	TH	SW6010D
Aluminum	11000	40		mg/Kg	10	07/15/21	EK	SW6010D
Arsenic	3.10	0.81		mg/Kg	1	07/14/21	TH	SW6010D
Barium	54.1	0.8		mg/Kg	1	07/14/21	TH	SW6010D
Beryllium	0.48	0.32		mg/Kg	1	07/14/21	TH	SW6010D
Calcium	2120	4.0		mg/Kg	1	07/14/21	TH	SW6010D
Cadmium	< 0.40	0.40		mg/Kg	1	07/14/21	TH	SW6010D
Cobalt	7.42	0.40		mg/Kg	1	07/14/21	TH	SW6010D
Chromium	20.7	0.40		mg/Kg	1	07/14/21	TH	SW6010D
Copper	25.7	0.8		mg/kg	1	07/14/21	TH	SW6010D
Iron	19500	40		mg/Kg	10	07/15/21	EK	SW6010D
Mercury	0.06	0.03		mg/Kg	2	07/12/21	MGH	SW7471B
Potassium	1310	8		mg/Kg	1	07/14/21	TH	SW6010D
Magnesium	2170	4.0		mg/Kg	1	07/14/21	TH	SW6010D
Manganese	525	4.0		mg/Kg	10	07/15/21	EK	SW6010D
Molybdenum	< 0.40	0.40		mg/Kg	1	07/14/21	TH	SW6010D
Sodium	307	8		mg/Kg	1	07/14/21	TH	SW6010D
Nickel	15.1	0.40		mg/Kg	1	07/14/21	TH	SW6010D
Lead	38.8	0.8		mg/Kg	1	07/14/21	TH	SW6010D
Antimony	< 4.0	4.0		mg/Kg	1	07/14/21	TH	SW6010D
Selenium	< 1.6	1.6		mg/Kg	1	07/14/21	TH	SW6010D
TCLP Silver	< 0.10	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010
TCLP Arsenic	< 0.10	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010
TCLP Barium	0.58	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010
TCLP Cadmium	< 0.050	0.050		mg/L	1	07/13/21	TH	SW846 1311/6010
TCLP Chromium	< 0.10	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010
TCLP Copper	< 0.10	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010
TCLP Mercury	< 0.0002	0.0002		mg/L	1	07/12/21	MGH	SW846 1311/7470

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Nickel	< 0.10	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010	
TCLP Lead	< 0.10	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010	
TCLP Selenium	< 0.10	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010D	
TCLP Zinc	0.14	0.10		mg/L	1	07/13/21	TH	SW846 1311/6010D	
Thallium	< 1.6	1.6		mg/Kg	1	07/14/21	TH	SW6010D	
TCLP Metals Digestion	Completed					07/12/21	CG/AB	SW3010A	
Vanadium	34.1	0.40		mg/Kg	1	07/14/21	TH	SW6010D	
Zinc	44.5	0.8		mg/Kg	1	07/14/21	TH	SW6010D	
Percent Solid	85			%		07/09/21	AR	SW846-%Solid	
Corrosivity	Negative			Pos/Neg	1	07/10/21	KDB	SW846-Corr	1
Flash Point	>200	200		Degree F	1	07/12/21	ARG	SW1010B	
Chromium, Hex. (SW3060 digestion)	< 0.43	0.43		mg/Kg	1	07/12/21	BJA	SW7196A	
Ignitability	Passed	140		degree F	1	07/12/21	ARG	SW846-Ignit	1
pH at 25C - Soil	8.31	1.00		pH Units	1	07/10/21 12:56	KDB	SW846 9045D	1
Reactivity Cyanide	< 6	6		mg/Kg	1	07/13/21	BJA/GD	SW846 7.3.3.1/90	1
Reactivity Sulfide	< 20	20		mg/Kg	1	07/12/21	ARG	SW846 CH7	1
Reactivity	Negative			Pos/Neg	1	07/12/21	ARG	SW846-React	1
Redox Potential	-6.7			mV	1	07/10/21	KDB	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.53	0.53		mg/Kg	1	07/13/21	A/B/G	SW9012B	
NJ EPH Category 2									
Total EPH (C9-C40)	97	58	58	mg/kg	1	07/12/21	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	41			%	1	07/12/21	JRB	40 - 140 %	
% Terphenyl (surr)	71			%	1	07/12/21	JRB	40 - 140 %	
Soil Extraction for PCB	Completed					07/09/21	L/E	SW3545A	
Soil Extraction for Pesticides	Completed					07/09/21	L/E	SW3545A	
Mercury Digestion	Completed					07/11/21	AB/AB	SW7471B	
Soil Extraction for Herbicide	Completed					07/09/21	M/D	SW3546	
NJ EPH Extraction	Completed					07/09/21	L/E	NJDEP 10-08 R3	
Soil Extraction for SVOA	Completed					07/09/21	R/Z	SW3546	
TCLP Digestion Mercury	Completed					07/12/21	CG/AB	SW7470A	
TCLP Extraction for Metals	Completed					07/09/21	CG	SW1311	
Total Metals Digest	Completed					07/09/21	M/AG/BF	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	150		ug/Kg	10	07/13/21	JRB	SW8151A	
2,4,5-TP (Silvex)	ND	150		ug/Kg	10	07/13/21	JRB	SW8151A	
2,4-D	ND	290		ug/Kg	10	07/13/21	JRB	SW8151A	
2,4-DB	ND	2900		ug/Kg	10	07/13/21	JRB	SW8151A	
Dalapon	ND	150		ug/Kg	10	07/13/21	JRB	SW8151A	
Dicamba	ND	150		ug/Kg	10	07/13/21	JRB	SW8151A	
Dichloroprop	ND	290		ug/Kg	10	07/13/21	JRB	SW8151A	
Dinoseb	ND	150		ug/Kg	10	07/13/21	JRB	SW8151A	
QA/QC Surrogates									
% DCAA	58			%	10	07/13/21	JRB	30 - 150 %	
% DCAA (Confirmation)	54			%	10	07/13/21	JRB	30 - 150 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	07/12/21	SC	SW8082A
QA/QC Surrogates								
% DCBP	75			%	2	07/12/21	SC	30 - 150 %
% DCBP (Confirmation)	61			%	2	07/12/21	SC	30 - 150 %
% TCMX	62			%	2	07/12/21	SC	30 - 150 %
% TCMX (Confirmation)	65			%	2	07/12/21	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3		ug/Kg	2	07/12/21	CG	SW8081B
4,4' -DDE	ND	2.3		ug/Kg	2	07/12/21	CG	SW8081B
4,4' -DDT	ND	3.3		ug/Kg	2	07/12/21	CG	SW8081B
a-BHC	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
a-Chlordane	ND	3.9		ug/Kg	2	07/12/21	CG	SW8081B
Aldrin	ND	3.9		ug/Kg	2	07/12/21	CG	SW8081B
b-BHC	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Chlordane	ND	39		ug/Kg	2	07/12/21	CG	SW8081B
d-BHC	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Dieldrin	ND	3.9		ug/Kg	2	07/12/21	CG	SW8081B
Endosulfan I	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Endosulfan II	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Endosulfan sulfate	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Endrin	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Endrin aldehyde	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Endrin ketone	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
g-BHC	ND	1.6		ug/Kg	2	07/12/21	CG	SW8081B
g-Chlordane	ND	3.9		ug/Kg	2	07/12/21	CG	SW8081B
Heptachlor	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Heptachlor epoxide	ND	7.8		ug/Kg	2	07/12/21	CG	SW8081B
Methoxychlor	ND	39		ug/Kg	2	07/12/21	CG	SW8081B
Toxaphene	ND	160		ug/Kg	2	07/12/21	CG	SW8081B
QA/QC Surrogates								
% DCBP	58			%	2	07/12/21	CG	30 - 150 %
% DCBP (Confirmation)	63			%	2	07/12/21	CG	30 - 150 %
% TCMX	56			%	2	07/12/21	CG	30 - 150 %
% TCMX (Confirmation)	57			%	2	07/12/21	CG	30 - 150 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	07/10/21	AW	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D

Project ID: 376 FLUSHIGN AVENUE BROOKLYN
Client ID: DRUM COMP

Phoenix I.D.: CI71056

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	07/10/21	AW	SW8270D	
2,4,6-Trichlorophenol	ND	190	120	ug/Kg	1	07/10/21	AW	SW8270D	
2,4-Dichlorophenol	ND	190	140	ug/Kg	1	07/10/21	AW	SW8270D	
2,4-Dimethylphenol	ND	270	96	ug/Kg	1	07/10/21	AW	SW8270D	
2,4-Dinitrophenol	ND	270	270	ug/Kg	1	07/10/21	AW	SW8270D	
2,4-Dinitrotoluene	ND	190	150	ug/Kg	1	07/10/21	AW	SW8270D	
2,6-Dinitrotoluene	ND	190	120	ug/Kg	1	07/10/21	AW	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
2-Methylnaphthalene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	07/10/21	AW	SW8270D	
2-Nitroaniline	ND	100	100	ug/Kg	1	07/10/21	AW	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	07/10/21	AW	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	07/10/21	AW	SW8270D	1
3,3'-Dichlorobenzidine	ND	190	180	ug/Kg	1	07/10/21	AW	SW8270D	
3-Nitroaniline	ND	91	91	ug/Kg	1	07/10/21	AW	SW8270D	
4,6-Dinitro-2-methylphenol	ND	230	77	ug/Kg	1	07/10/21	AW	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	07/10/21	AW	SW8270D	
4-Chloroaniline	ND	310	180	ug/Kg	1	07/10/21	AW	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D	
4-Nitroaniline	ND	86	86	ug/Kg	1	07/10/21	AW	SW8270D	
4-Nitrophenol	ND	390	170	ug/Kg	1	07/10/21	AW	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D	
Aniline	ND	310	310	ug/Kg	1	07/10/21	AW	SW8270D	
Anthracene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D	
Benzidine	ND	340	230	ug/Kg	1	07/10/21	AW	SW8270D	
Benzo(a)pyrene	ND	190	130	ug/Kg	1	07/10/21	AW	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D	
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D	
Benzoic acid	ND	1900	770	ug/Kg	1	07/10/21	AW	SW8270D	
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	07/10/21	AW	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
Bis(2-chloroethyl)ether	ND	77	77	ug/Kg	1	07/10/21	AW	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
Carbazole	ND	190	150	ug/Kg	1	07/10/21	AW	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D	
Dibenz(a,h)anthracene	ND	190	120	ug/Kg	1	07/10/21	AW	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Di-n-butylphthalate	ND	270	100	ug/Kg	1	07/10/21	AW	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	07/10/21	AW	SW8270D
Fluoranthene	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D
Fluorene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D
Hexachlorobenzene	ND	190	110	ug/Kg	1	07/10/21	AW	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	07/10/21	AW	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D
Hexachloroethane	ND	190	120	ug/Kg	1	07/10/21	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D
Isophorone	ND	190	110	ug/Kg	1	07/10/21	AW	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D
Nitrobenzene	ND	190	130	ug/Kg	1	07/10/21	AW	SW8270D
N-Nitrosodimethylamine	ND	77	77	ug/Kg	1	07/10/21	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	77	77	ug/Kg	1	07/10/21	AW	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	07/10/21	AW	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	07/10/21	AW	SW8270D
Pentachlorophenol	ND	230	150	ug/Kg	1	07/10/21	AW	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D
Phenol	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D
Pyrene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D
Pyridine	ND	220	95	ug/Kg	1	07/10/21	AW	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	95			%	1	07/10/21	AW	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	07/10/21	AW	30 - 130 %
% 2-Fluorophenol	72			%	1	07/10/21	AW	30 - 130 %
% Nitrobenzene-d5	83			%	1	07/10/21	AW	30 - 130 %
% Phenol-d5	82			%	1	07/10/21	AW	30 - 130 %
% Terphenyl-d14	84			%	1	07/10/21	AW	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	270	120	ug/Kg	1	07/10/21	AW	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	07/10/21	AW	SW8270D
Atrazine	ND	130	77	ug/Kg	1	07/10/21	AW	SW8270D
Benzaldehyde	ND	270	110	ug/Kg	1	07/10/21	AW	SW8270D
Benzo(a)pyrene	ND	270	130	ug/Kg	1	07/10/21	AW	SW8270D
Caprolactam	ND	150	150	ug/Kg	1	07/10/21	AW	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	95			%	1	07/10/21	AW	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	07/10/21	AW	30 - 130 %
% 2-Fluorophenol	72			%	1	07/10/21	AW	30 - 130 %
% Nitrobenzene-d5	83			%	1	07/10/21	AW	30 - 130 %
% Phenol-d5	82			%	1	07/10/21	AW	30 - 130 %
% Terphenyl-d14	84			%	1	07/10/21	AW	30 - 130 %
Pyridine	ND	220		ug/Kg	1	07/10/21	AW	SW8270D
SVOA Library Search Top 15	Completed					07/13/21	MR	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

Semi-Volatile Comment:
Due to low QC recoveries the RL/PQL of some compounds have been evaluated below the lowest calibration standard in order account for possible sample bias and meet criteria: 2,4-dintrophenol, 4,6-Dinitro-2-methylphenol, and Benzidine.

Corrosivity is based solely on the pH analysis performed above.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide. This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

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

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

Phyllis Shiller, Laboratory Director
July 20, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 20, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/07/21	
Location Code:	EBC	Received by:	B	07/09/21	16:35
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI71056
Phoenix ID: CI71057

Project ID: 376 FLUSHIGN AVENUE BROOKLYN
Client ID: DRUM GRAB

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed						07/07/21		SW5035A	1
Volatiles										
1,1,1,2-Tetrachloroethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,1-Dichloroethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,1-Dichloroethene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,1-Dichloropropene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	43	J	360	36	ug/Kg	50	07/12/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2-Dibromoethane	ND		1.2	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2-Dichloroethane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,2-Dichloropropane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
1,3-Dichloropropane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
2,2-Dichloropropane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
2-Chlorotoluene	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
2-Hexanone	ND		10	2.1	ug/Kg	1	07/11/21	JLI	SW8260C	
2-Isopropyltoluene	450		360	36	ug/Kg	50	07/12/21	JLI	SW8260C	1

Project ID: 376 FLUSHIGN AVENUE BROOKLYN
Client ID: DRUM GRAB

Phoenix I.D.: CI71057

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
4-Methyl-2-pentanone	ND		10	2.1	ug/Kg	1	07/11/21	JLI	SW8260C	
Acetone	14	S	10	2.1	ug/Kg	1	07/11/21	JLI	SW8260C	
Acrylonitrile	ND		4.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Benzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Bromobenzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Bromochloromethane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Bromodichloromethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Bromoform	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Bromomethane	ND		2.1	0.82	ug/Kg	1	07/11/21	JLI	SW8260C	
Carbon Disulfide	1.0	J	2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Carbon tetrachloride	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Chlorobenzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Chloroethane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Chloroform	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Chloromethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Dibromochloromethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Dibromomethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Dichlorodifluoromethane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Ethylbenzene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Hexachlorobutadiene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Isopropylbenzene	240		220	36	ug/Kg	50	07/12/21	JLI	SW8260C	
m&p-Xylene	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Methyl Ethyl Ketone	ND		12	2.1	ug/Kg	1	07/11/21	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		4.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Methylene chloride	ND		2.1	2.1	ug/Kg	1	07/11/21	JLI	SW8260C	
Naphthalene	0.53	J	2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
n-Butylbenzene	170		170	36	ug/Kg	50	07/12/21	JLI	SW8260C	
n-Propylbenzene	520		360	72	ug/Kg	50	07/12/21	JLI	SW8260C	
o-Xylene	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
p-Isopropyltoluene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
sec-Butylbenzene	2100		360	36	ug/Kg	50	07/12/21	JLI	SW8260C	
Styrene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
tert-Butylbenzene	4.6		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Tetrachloroethene	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		4.1	1.0	ug/Kg	1	07/11/21	JLI	SW8260C	
Toluene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		4.1	1.0	ug/Kg	1	07/11/21	JLI	SW8260C	
Trichloroethene	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Trichlorofluoromethane	ND		2.1	0.41	ug/Kg	1	07/11/21	JLI	SW8260C	
Trichlorotrifluoroethane	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
Vinyl chloride	ND		2.1	0.21	ug/Kg	1	07/11/21	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	105				%	1	07/11/21	JLI	70 - 130 %	
% Bromofluorobenzene	>200				%	1	07/11/21	JLI	70 - 130 %	3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	109			%	1	07/11/21	JLI	70 - 130 %	
% Toluene-d8	89			%	1	07/11/21	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	96			%	50	07/12/21	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	156			%	50	07/12/21	JLI	70 - 130 %	3
% Dibromofluoromethane (50x)	103			%	50	07/12/21	JLI	70 - 130 %	
% Toluene-d8 (50x)	91			%	50	07/12/21	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	31		ug/kg	1	07/11/21	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	105			%	1	07/11/21	JLI	70 - 130 %	
% Bromofluorobenzene	>200			%	1	07/11/21	JLI	70 - 130 %	3
% Dibromofluoromethane	109			%	1	07/11/21	JLI	70 - 130 %	
% Toluene-d8	89			%	1	07/11/21	JLI	70 - 130 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	8.2		ug/Kg	1	07/11/21	JLI	SW8260C	
Acrolein	ND	1.4		ug/Kg	1	07/11/21	JLI	SW8260C	
Acrylonitrile	ND	8.2		ug/Kg	1	07/11/21	JLI	SW8260C	
Tert-butyl alcohol	ND	41		ug/Kg	1	07/11/21	JLI	SW8260C	

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

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

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

Volatile Comment:
Elevated surrogate recovery was observed for volatiles due to matrix interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
July 20, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DRUM COMP

Lab Name: Phoenix Environmental Labs Client: EBC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCI71056

Matrix:(soil/water) SOIL Lab Sample ID: CI71056

Sample wt/vol: 15.26 (g/mL) g Lab File ID: 0709_24.D

Level: (low/med) Low Date Received: 07/09/21

% Moisture: not dec. 15 decanted:(Y/N) NA Date Extracted: 07/10/21

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 7/10/2021

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.751	1100	JNA
	unknown	3.310	570	J
	unknown	3.492	1100	J
	unknown	3.644	1300	J
	unknown	3.715	800	J
	unknown	3.885	900	J
	unknown	4.026	840	J
024399-15-3	Cyclohexane, 1-methyl-3-(1-methyle	4.115	1500	JN
062831-62-3	4-Isopropyl-1,3-cyclohexanedione	4.144	830	JN
	unknown	4.220	800	J
1000152-47-3	trans-Decalin, 2-methyl-	4.438	760	JN
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.471	1200	JNC
1000130-97-9	E-15-Heptadecenal	7.493	930	JN
001599-67-3	1-Docosene	8.962	1100	JN
000301-02-0	9-Octadecenamide, (Z)-	9.814	970	JNC

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 20, 2021

QA/QC Data

SDG I.D.: GCI71056

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 583070 (mg/kg), QC Sample No: CI71056 40X (CI71056)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.43	<0.43	NC	96.0						85 - 115	30	
Chromium, Hexavalent (Ins)						94.7			96.6			85 - 115	30	
Chromium, Hexavalent (Sol)						90.5			<10			85 - 115	30	m
Comment:														
The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries. SAMPLES CI70850 CI70851 CI70852 CI70853 DILUTED DUE TO DARK COLOR BEFORE ADDING COLOR REAGENT														
QA/QC Batch 583056 (mg/L), QC Sample No: CI68036 (CI71056)														
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	125			128			80 - 120	20	l,m
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 583050 (mg/kg), QC Sample No: CI71307 2X (CI71056)														
Mercury - Soil	BRL	0.03	0.09	0.15	50.0	122	123	0.8	87.1	137	44.5	70 - 130	30	m,r
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 583058 (mg/L), QC Sample No: CI63584 (CI71056)														
ICP Metals - TCLP Extraction														
Arsenic	BRL	0.10	<0.10	<0.10	NC	89.5	87.5	2.3	91.5			80 - 120	20	
Barium	BRL	0.10	0.63	0.81	25.0	88.5	86.4	2.4	92.6			80 - 120	20	r
Cadmium	BRL	0.050	<0.050	<0.050	NC	88.0	86.7	1.5	91.5			80 - 120	20	
Chromium	BRL	0.10	<0.10	<0.10	NC	86.5	85.2	1.5	89.3			80 - 120	20	
Copper	BRL	0.10	<0.10	<0.10	NC	88.7	86.5	2.5	92.1			80 - 120	20	
Lead	BRL	0.10	<0.10	0.12	NC	88.6	87.4	1.4	91.9			80 - 120	20	
Nickel	BRL	0.10	<0.10	<0.10	NC	86.5	85.3	1.4	89.8			80 - 120	20	
Selenium	BRL	0.10	<0.10	<0.10	NC	90.3	88.5	2.0	93.1			80 - 120	20	
Silver	BRL	0.10	<0.10	<0.10	NC	88.6	87.0	1.8	91.7			80 - 120	20	
Zinc	BRL	0.10	0.33	0.43	NC	87.2	86.1	1.3	91.8			80 - 120	20	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														
QA/QC Batch 582971 (mg/kg), QC Sample No: CI70853 (CI71056)														
ICP Metals - Soil														
Aluminum	BRL	5.0	13000	13100	0.80	109	108	0.9	NC			75 - 125	35	
Antimony	BRL	3.3	<4.3	<4.5	NC	91.6	92.4	0.9	87.8			75 - 125	35	
Arsenic	BRL	0.67	4.77	4.90	2.70	105	104	1.0	91.5			75 - 125	35	
Barium	BRL	0.33	84.3	92.8	9.60	96.8	96.9	0.1	97.4			75 - 125	35	
Beryllium	BRL	0.27	0.61	0.63	NC	93.6	93.0	0.6	89.3			75 - 125	35	
Cadmium	BRL	0.33	0.68	0.73	NC	92.9	94.7	1.9	90.4			75 - 125	35	
Calcium	BRL	5.0	7770	7750	0.30	97.6	95.9	1.8	NC			75 - 125	35	
Chromium	BRL	0.33	20.5	23.4	13.2	99.0	98.2	0.8	92.5			75 - 125	35	

QA/QC Data

SDG I.D.: GCI71056

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Cobalt	BRL	0.33	9.01	8.99	0.20	93.7	93.7	0.0	90.1			75 - 125	35	
Copper	BRL	0.67	33.2	38.5	14.8	98.7	97.2	1.5	90.7			75 - 125	35	
Iron	BRL	5.0	19900	21000	5.40	97.2	94.8	2.5	NC			75 - 125	35	
Lead	BRL	0.33	50.1	49.0	2.20	101	98.7	2.3	93.7			75 - 125	35	
Magnesium	BRL	5.0	3770	3740	0.80	106	106	0.0	NC			75 - 125	35	
Manganese	BRL	0.33	519	538	3.60	102	100	2.0	>130			75 - 125	35	m
Molybdenum	BRL	0.33	0.47	0.70	NC	101	100	1.0	95.3			75 - 125	35	
Nickel	BRL	0.33	18.8	18.7	0.50	96.9	96.8	0.1	90.5			75 - 125	35	
Potassium	BRL	5.0	2190	2140	2.30	114	113	0.9	>130			75 - 125	35	m
Selenium	BRL	1.3	<1.7	<1.8	NC	98.0	96.9	1.1	86.7			75 - 125	35	
Silver	BRL	0.33	<0.43	<0.45	NC	102	98.1	3.9	89.6			75 - 125	35	
Sodium	BRL	5.0	201	224	10.8	109	107	1.9	122			75 - 125	35	
Thallium	BRL	3.0	<1.7	<4.1	NC	96.5	98.7	2.3	89.1			75 - 125	35	
Vanadium	BRL	0.33	34.4	34.2	0.60	95.8	95.5	0.3	93.0			75 - 125	35	
Zinc	BRL	0.67	90.6	90.1	0.60	102	99.5	2.5	89.4			75 - 125	35	

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

Environmental Laboratories, Inc.
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NY # 11301

QA/QC Report

July 20, 2021

QA/QC Data

SDG I.D.: GCI71056

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 583071 (mg/Kg), QC Sample No: CI70504 5X (CI71056)														
Reactivity Cyanide	BRL	5	<5	<5.3	NC	103						85 - 115	30	
Reactivity Sulfide	BRL	20	<20	<20	NC	93.5						80 - 120	30	
QA/QC Batch 582974 (mg/Kg), QC Sample No: CI70853 50X (CI71056)														
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.65	<0.71	NC	93.7			71.5			80 - 120	30	m
Comment:														
Cyanide blank spike recovery was 97.0 %.														
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils														
QA/QC Batch 583047 (PH), QC Sample No: CI70690 (CI71056)														
pH at 25C - Soil			6.01	6.03	0.30	98.5						85 - 115	20	
QA/QC Batch 583127 (Degree F), QC Sample No: CI70973 (CI71056)														
Flash Point			>200	>200	NC	103						75 - 125	30	
Comment:														
Additional criteria matrix spike acceptance range is 75-125%.														

m = This parameter is outside laboratory MS/MSD specified recovery limits.

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NY # 11301

QA/QC Report

July 20, 2021

QA/QC Data

SDG I.D.: GCI71056

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 582993 (mg/kg), QC Sample No: CI71107 (CI71056)											
Extractable Petroleum Hydrocarbons - Soil											
Total EPH (C9-C40)	ND	10	66	62	6.3	50	71	34.7	40 - 140	25	r
C9 - Nonane	ND	3.3	52	49	5.9	39	59	40.8	40 - 140	25	m,r
C10 - Decane	ND	3.3	58	55	5.3	42	65	43.0	40 - 140	25	m,r
C12 - Dodecane	ND	3.3	64	59	8.1	46	71	42.7	40 - 140	25	m,r
C14 - Tetradecane	ND	3.3	69	62	10.7	49	74	40.7	40 - 140	25	m,r
C16 - Hexadecane	ND	3.3	71	65	8.8	51	76	39.4	40 - 140	25	r
C18 - Octadecane	ND	3.3	86	77	11.0	62	93	40.0	40 - 140	25	r
C20 - Eicosane	ND	3.3	73	66	10.1	53	77	36.9	40 - 140	25	r
C21 - Heneicosane	ND	3.3	71	65	8.8	52	74	34.9	40 - 140	25	r
C22 - Docosane	ND	3.3	81	74	9.0	59	86	37.2	40 - 140	25	r
C24 - Tetracosane	ND	3.3	70	63	10.5	50	73	37.4	40 - 140	25	r
C26 - Hexacosane	ND	3.3	70	63	10.5	50	73	37.4	40 - 140	25	r
C28 - Octacosane	ND	3.3	71	65	8.8	51	74	36.8	40 - 140	25	r
C30 - Tricotane	ND	3.3	69	63	9.1	50	72	36.1	40 - 140	25	r
C32 - Dotriacontance	ND	3.3	69	63	9.1	49	71	36.7	40 - 140	25	m,r
C34 - Tetratriacontane	ND	3.3	68	63	7.6	51	71	32.8	40 - 140	25	r
C36 - Hexatriacontane	ND	3.3	55	60	8.7	48	64	28.6	40 - 140	25	m,r
C38 - Octatriacontane	ND	3.3	48	49	2.1	52	50	3.9	40 - 140	25	
C40 - Tetracontane	ND	3.3	42	46	9.1	55	43	24.5	40 - 140	25	m
% Terphenyl (surr)	65	%	71	64	10.4	50	76	41.3	40 - 140	25	r
% COD (surr)	65	%	71	65	8.8	51	78	41.9	40 - 140	25	r

Comment:

Additional EPH fractionation criteria: Breakthrough criteria (BT) is 0 to 5%
Additional: MS acceptance range 50-150%.

QA/QC Batch 582943 (ug/Kg), QC Sample No: CI70709 10X (CI71056)

Chlorinated Herbicides - Soil

2,4,5-T	ND	130	79	81	2.5	83	80	3.7	40 - 140	30	
2,4,5-TP (Silvex)	ND	130	80	84	4.9	82	77	6.3	40 - 140	30	
2,4-D	ND	250	78	81	3.8	83	77	7.5	40 - 140	30	
2,4-DB	ND	2500	66	72	8.7	68	78	13.7	40 - 140	30	
Dalapon	ND	130	63	66	4.7	61	60	1.7	40 - 140	30	
Dicamba	ND	130	86	88	2.3	87	83	4.7	40 - 140	30	
Dichloroprop	ND	130	91	94	3.2	95	92	3.2	40 - 140	30	
Dinoseb	ND	130	66	71	7.3	69	67	2.9	40 - 140	30	
% DCAA (Surrogate Rec)	58	%	55	54	1.8	56	56	0.0	30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	56	%	54	54	0.0	57	57	0.0	30 - 150	30	

Comment:

Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 582972 (ug/Kg), QC Sample No: CI71014 2X (CI71056)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	98	94	4.2	69	55	22.6	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	104	99	4.9	75	59	23.9	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	95	%	111	103	7.5	82	66	21.6	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	74	%	92	87	5.6	71	55	25.4	30 - 150	30
% TCMX (Surrogate Rec)	86	%	101	98	3.0	74	60	20.9	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	85	%	102	99	3.0	75	60	22.2	30 - 150	30
QA/QC Batch 582973 (ug/Kg), QC Sample No: CI71010 2X (CI71056)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	61	65	6.3	NC			40 - 140	30
4,4' -DDE	ND	1.7	61	66	7.9	74			40 - 140	30
4,4' -DDT	ND	1.7	60	62	3.3	97			40 - 140	30
a-BHC	ND	1.0	58	60	3.4	36			40 - 140	30
a-Chlordane	ND	3.3	63	63	0.0	NC			40 - 140	30
Aldrin	ND	1.0	64	66	3.1	52			40 - 140	30
b-BHC	ND	1.0	67	62	7.8	50			40 - 140	30
Chlordane	ND	33	59	64	8.1	NC			40 - 140	30
d-BHC	ND	3.3	61	64	4.8	46			40 - 140	30
Dieldrin	ND	1.0	62	65	4.7	70			40 - 140	30
Endosulfan I	ND	3.3	75	75	0.0	69			40 - 140	30
Endosulfan II	ND	3.3	87	92	5.6	84			40 - 140	30
Endosulfan sulfate	ND	3.3	64	67	4.6	66			40 - 140	30
Endrin	ND	3.3	63	65	3.1	61			40 - 140	30
Endrin aldehyde	ND	3.3	56	61	8.5	51			40 - 140	30
Endrin ketone	ND	3.3	69	72	4.3	52			40 - 140	30
g-BHC	ND	1.0	62	64	3.2	49			40 - 140	30
g-Chlordane	ND	3.3	59	64	8.1	NC			40 - 140	30
Heptachlor	ND	3.3	64	66	3.1	109			40 - 140	30
Heptachlor epoxide	ND	3.3	62	63	1.6	124			40 - 140	30
Methoxychlor	ND	3.3	63	66	4.7	58			40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA			40 - 140	30
% DCBP	74	%	67	73	8.6	55			30 - 150	30
% DCBP (Confirmation)	76	%	71	76	6.8	51			30 - 150	30
% TCMX	74	%	68	69	1.5	53			30 - 150	30
% TCMX (Confirmation)	75	%	68	70	2.9	54			30 - 150	30
Comment:										
This batch consists of a Blank, LCS, LCSD and MS.										
QA/QC Batch 582962 (ug/kg), QC Sample No: CI70853 (CI71056)										
Semivolatiles - Soil										
1,1-Biphenyl	ND	230	78	85	8.6	69	79	13.5	40 - 140	30
1,2,4,5-Tetrachlorobenzene	ND	230	74	80	7.8	66	76	14.1	40 - 140	30
1,2,4-Trichlorobenzene	ND	230	72	78	8.0	63	73	14.7	40 - 140	30
1,2-Dichlorobenzene	ND	180	70	77	9.5	56	69	20.8	40 - 140	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Diphenylhydrazine	ND	230	81	89	9.4	71	83	15.6	40 - 140	30	
1,3-Dichlorobenzene	ND	230	68	75	9.8	53	65	20.3	40 - 140	30	
1,4-Dichlorobenzene	ND	230	67	74	9.9	53	66	21.8	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	86	92	6.7	77	87	12.2	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	90	99	9.5	82	93	12.6	30 - 130	30	
2,4-Dichlorophenol	ND	130	87	94	7.7	79	89	11.9	30 - 130	30	
2,4-Dimethylphenol	ND	230	86	93	7.8	80	91	12.9	30 - 130	30	
2,4-Dinitrophenol	ND	230	85	93	9.0	51	51	0.0	30 - 130	30	
2,4-Dinitrotoluene	ND	130	92	100	8.3	80	92	14.0	30 - 130	30	
2,6-Dinitrotoluene	ND	130	87	94	7.7	76	88	14.6	40 - 140	30	
2-Chloronaphthalene	ND	230	81	87	7.1	71	82	14.4	40 - 140	30	
2-Chlorophenol	ND	230	83	91	9.2	72	85	16.6	30 - 130	30	
2-Methylnaphthalene	ND	230	79	85	7.3	70	82	15.8	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	92	100	8.3	82	96	15.7	40 - 140	30	
2-Nitroaniline	ND	330	113	122	7.7	79	86	8.5	40 - 140	30	
2-Nitrophenol	ND	230	83	90	8.1	71	84	16.8	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	93	102	9.2	85	97	13.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	73	81	10.4	28	26	7.4	40 - 140	30	m
3-Nitroaniline	ND	330	80	87	8.4	64	72	11.8	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	87	95	8.8	62	65	4.7	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	83	90	8.1	74	80	7.8	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	91	99	8.4	84	93	10.2	30 - 130	30	
4-Chloroaniline	ND	230	49	57	15.1	47	51	8.2	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	81	89	9.4	72	84	15.4	40 - 140	30	
4-Nitroaniline	ND	230	90	98	8.5	81	94	14.9	40 - 140	30	
4-Nitrophenol	ND	230	108	112	3.6	88	110	22.2	30 - 130	30	
Acenaphthene	ND	230	83	89	7.0	73	84	14.0	30 - 130	30	
Acenaphthylene	ND	130	77	83	7.5	68	79	15.0	40 - 140	30	
Acetophenone	ND	230	80	89	10.7	70	83	17.0	40 - 140	30	
Aniline	ND	330	66	67	1.5	93	109	15.8	40 - 140	30	
Anthracene	ND	230	83	89	7.0	70	78	10.8	40 - 140	30	
Atrazine	ND	130	75	83	10.1	65	70	7.4	40 - 140	30	
Benz(a)anthracene	ND	230	82	88	7.1	56	63	11.8	40 - 140	30	
Benzaldehyde	ND	230	25	32	24.6	65	84	25.5	40 - 140	30	l
Benzidine	ND	330	56	60	6.9	<10	<10	NC	40 - 140	30	m
Benzo(a)pyrene	ND	130	80	86	7.2	55	62	12.0	40 - 140	30	
Benzo(b)fluoranthene	ND	160	83	90	8.1	57	68	17.6	40 - 140	30	
Benzo(ghi)perylene	ND	230	82	90	9.3	57	61	6.8	40 - 140	30	
Benzo(k)fluoranthene	ND	230	86	91	5.6	58	63	8.3	40 - 140	30	
Benzoic Acid	ND	670	92	101	9.3	<10	46	NC	30 - 130	30	m
Benzyl butyl phthalate	ND	230	89	96	7.6	80	90	11.8	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	78	84	7.4	67	79	16.4	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	70	77	9.5	56	69	20.8	40 - 140	30	
Bis(2-chloroisopropyl)ether	ND	230	65	71	8.8	53	65	20.3	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	88	95	7.7	32	122	116.9	40 - 140	30	m,r
Caprolactam	ND	230	83	88	5.8	74	84	12.7	40 - 140	30	
Carbazole	ND	230	87	94	7.7	76	87	13.5	40 - 140	30	
Chrysene	ND	230	83	89	7.0	54	60	10.5	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	84	92	9.1	68	74	8.5	40 - 140	30	
Dibenzofuran	ND	230	83	91	9.2	74	85	13.8	40 - 140	30	
Diethyl phthalate	ND	230	84	91	8.0	74	86	15.0	40 - 140	30	
Dimethylphthalate	ND	230	83	92	10.3	74	85	13.8	40 - 140	30	
Di-n-butylphthalate	ND	670	87	96	9.8	78	89	13.2	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Di-n-octylphthalate	ND	230	88	97	9.7	83	110	28.0	40 - 140	30	
Fluoranthene	ND	230	84	91	8.0	26	33	23.7	40 - 140	30	m
Fluorene	ND	230	84	90	6.9	74	86	15.0	40 - 140	30	
Hexachlorobenzene	ND	130	84	91	8.0	74	82	10.3	40 - 140	30	
Hexachlorobutadiene	ND	230	71	78	9.4	61	71	15.2	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	63	70	10.5	<10	<10	NC	40 - 140	30	m
Hexachloroethane	ND	130	69	76	9.7	50	59	16.5	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	83	90	8.1	57	62	8.4	40 - 140	30	
Isophorone	ND	130	72	78	8.0	64	73	13.1	40 - 140	30	
Naphthalene	ND	230	74	80	7.8	64	75	15.8	40 - 140	30	
Nitrobenzene	ND	130	80	89	10.7	70	84	18.2	40 - 140	30	
N-Nitrosodimethylamine	ND	230	66	72	8.7	48	63	27.0	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	80	89	10.7	70	84	18.2	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	82	89	8.2	73	84	14.0	40 - 140	30	
Pentachloronitrobenzene	ND	230	85	95	11.1	76	85	11.2	40 - 140	30	
Pentachlorophenol	ND	230	95	105	10.0	90	103	13.5	30 - 130	30	
Phenanthrene	ND	130	81	88	8.3	42	49	15.4	40 - 140	30	
Phenol	ND	230	89	97	8.6	81	94	14.9	30 - 130	30	
Pyrene	ND	230	85	92	7.9	39	49	22.7	30 - 130	30	
Pyridine	ND	230	53	59	10.7	37	46	21.7	40 - 140	30	m
% 2,4,6-Tribromophenol	86	%	85	92	7.9	79	85	7.3	30 - 130	30	
% 2-Fluorobiphenyl	81	%	77	84	8.7	67	78	15.2	30 - 130	30	
% 2-Fluorophenol	77	%	75	83	10.1	62	76	20.3	30 - 130	30	
% Nitrobenzene-d5	77	%	76	83	8.8	65	79	19.4	30 - 130	30	
% Phenol-d5	83	%	81	89	9.4	73	85	15.2	30 - 130	30	
% Terphenyl-d14	87	%	83	90	8.1	74	87	16.1	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 583259H (ug/kg), QC Sample No: CI70195 (CI71057 (50X))

Volatiles - Soil (High Level)

1,2,4-Trimethylbenzene	ND	5.0	111	109	1.8	108	110	1.8	70 - 130	30	
2-Isopropyltoluene	ND	5.0	124	123	0.8	123	123	0.0	70 - 130	30	
Isopropylbenzene	ND	5.0	114	113	0.9	114	115	0.9	70 - 130	30	
n-Butylbenzene	ND	5.0	116	114	1.7	108	111	2.7	70 - 130	30	
n-Propylbenzene	ND	5.0	114	111	2.7	111	113	1.8	70 - 130	30	
sec-Butylbenzene	ND	5.0	125	123	1.6	123	124	0.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	95	%	100	101	1.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	97	%	99	98	1.0	99	98	1.0	70 - 130	30	
% Dibromofluoromethane	103	%	103	106	2.9	104	102	1.9	70 - 130	30	
% Toluene-d8	95	%	101	101	0.0	102	101	1.0	70 - 130	30	

Comment:

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

QA/QC Batch 583104 (ug/kg), QC Sample No: CI71191 (CI71057)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	102	100	2.0	92	91	1.1	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	96	95	1.0	89	89	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	95	97	2.1	84	83	1.2	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	93	95	2.1	86	85	1.2	70 - 130	30	
1,1-Dichloroethane	ND	5.0	103	102	1.0	94	95	1.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	102	101	1.0	93	94	1.1	70 - 130	30	

QA/QC Data

SDG I.D.: GCI71056

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloropropene	ND	5.0	102	101	1.0	96	83	14.5	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	98	94	4.2	65	63	3.1	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	89	107	18.4	82	80	2.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	99	93	6.3	64	62	3.2	70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	5.0	100	106	5.8	85	84	1.2	70 - 130	30	
1,2-Dibromoethane	ND	5.0	95	96	1.0	85	84	1.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	97	95	2.1	78	76	2.6	70 - 130	30	
1,2-Dichloroethane	ND	5.0	96	96	0.0	87	85	2.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	102	101	1.0	93	90	3.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	100	98	2.0	90	87	3.4	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	96	94	2.1	77	76	1.3	70 - 130	30	
1,3-Dichloropropane	ND	5.0	96	95	1.0	86	85	1.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	96	93	3.2	76	74	2.7	70 - 130	30	
1,4-dioxane	ND	100	102	105	2.9	101	91	10.4	70 - 130	30	
2,2-Dichloropropane	ND	5.0	108	105	2.8	94	94	0.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	98	97	1.0	86	85	1.2	70 - 130	30	
2-Hexanone	ND	25	88	95	7.7	72	68	5.7	70 - 130	30	m
4-Chlorotoluene	ND	5.0	97	94	3.1	82	80	2.5	70 - 130	30	
4-Methyl-2-pentanone	ND	25	104	110	5.6	93	91	2.2	70 - 130	30	
Acetone	ND	10	74	78	5.3	50	52	3.9	70 - 130	30	m
Acrolein	ND	25	98	104	5.9	40	35	13.3	70 - 130	30	m
Acrylonitrile	ND	5.0	109	109	0.0	78	74	5.3	70 - 130	30	
Benzene	ND	1.0	100	98	2.0	93	92	1.1	70 - 130	30	
Bromobenzene	ND	5.0	98	96	2.1	85	83	2.4	70 - 130	30	
Bromochloromethane	ND	5.0	94	94	0.0	86	86	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	100	100	0.0	90	88	2.2	70 - 130	30	
Bromoform	ND	5.0	100	101	1.0	82	82	0.0	70 - 130	30	
Bromomethane	ND	5.0	116	116	0.0	111	108	2.7	70 - 130	30	
Carbon Disulfide	ND	5.0	123	121	1.6	109	109	0.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	98	98	0.0	90	90	0.0	70 - 130	30	
Chlorobenzene	ND	5.0	98	97	1.0	88	87	1.1	70 - 130	30	
Chloroethane	ND	5.0	137	129	6.0	128	131	2.3	70 - 130	30	l,m
Chloroform	ND	5.0	98	96	2.1	89	89	0.0	70 - 130	30	
Chloromethane	ND	5.0	131	132	0.8	120	118	1.7	70 - 130	30	l
cis-1,2-Dichloroethene	ND	5.0	101	100	1.0	94	93	1.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	104	102	1.9	89	88	1.1	70 - 130	30	
Dibromochloromethane	ND	3.0	103	102	1.0	89	88	1.1	70 - 130	30	
Dibromomethane	ND	5.0	92	93	1.1	82	81	1.2	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	147	145	1.4	139	135	2.9	70 - 130	30	l,m
Ethylbenzene	ND	1.0	103	101	2.0	94	94	0.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	107	103	3.8	83	82	1.2	70 - 130	30	
m&p-Xylene	ND	2.0	100	98	2.0	91	90	1.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	78	89	13.2	66	57	14.6	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	124	125	0.8	111	110	0.9	70 - 130	30	
Methylene chloride	ND	5.0	74	74	0.0	74	72	2.7	70 - 130	30	
Naphthalene	ND	5.0	98	98	0.0	72	70	2.8	70 - 130	30	
o-Xylene	ND	2.0	102	98	4.0	92	92	0.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	105	102	2.9	92	89	3.3	70 - 130	30	
Styrene	ND	5.0	102	99	3.0	87	87	0.0	70 - 130	30	
tert-butyl alcohol	ND	100	113	117	3.5	108	100	7.7	70 - 130	30	
tert-Butylbenzene	ND	1.0	101	99	2.0	94	92	2.2	70 - 130	30	
Tetrachloroethene	ND	5.0	102	99	3.0	95	94	1.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	85	92	7.9	78	78	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCI71056

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Toluene	ND	1.0	101	100	1.0	93	92	1.1	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	106	105	0.9	99	98	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	102	101	1.0	86	84	2.4	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	113	116	2.6	90	86	4.5	70 - 130	30
Trichloroethene	ND	5.0	101	100	1.0	96	95	1.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	128	126	1.6	120	119	0.8	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	117	116	0.9	109	111	1.8	70 - 130	30
Vinyl chloride	ND	5.0	130	129	0.8	123	122	0.8	70 - 130	30
% 1,2-dichlorobenzene-d4	97	%	101	101	0.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	98	%	101	100	1.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	98	%	91	95	4.3	93	92	1.1	70 - 130	30
% Toluene-d8	94	%	101	101	0.0	100	100	0.0	70 - 130	30

Comment:

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
July 20, 2021

Tuesday, July 20, 2021

Sample Criteria Exceedances Report

GCI71056 - EBC

Criteria: NJ: RC; NY: 375, 375GWP, 375RRS; PA: REG

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CI71056	$8270SMRDP	N-Nitrosodi-n-propylamine	PA / Reg Fill Limits GP-1a / Organics	ND	77	5.1	5.1	ug/Kg
CI71056	$8270SMRDP	N-Nitrosodimethylamine	PA / Reg Fill Limits GP-1a / Organics	ND	77	0.17	0.17	ug/Kg
CI71056	$8270SMRDP	Bis(2-chloroethyl)ether	PA / Reg Fill Limits GP-1a / Organics	ND	77	17	17	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 20, 2021 SDG I.D.: GCI71056

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

Herbicide Narration

AU-ECD12 07/12/21-1: CI71056

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CI71056
Preceding CC 712B028 - None.
Succeeding CC 712B040 - 2,4,5-T (11) 16%H (15%)

PEST Narration

AU-ECD7 07/12/21-1: CI71056

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CI71056
Preceding CC 712A031 - None.
Succeeding CC 712A045 - Endrin 22%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

SVOA Narration

CHEM36 07/09/21-1: CI71056

The following Initial Calibration compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.048 (0.05), 2-Nitrophenol 0.049 (0.1), Hexachlorobenzene 0.080 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: % 2,4,6-Tribromophenol 0.048 (0.05), 2-Nitrophenol 0.049 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: 2-Nitroaniline 34%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.051 (0.1), Hexachlorobenzene 0.086 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

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

VOA Narration

CHEM14 07/11/21-1: CI71057

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 30% (20%), Methylene chloride 32% (20%), trans-1,4-dichloro-2-butene 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.085 (0.1), Acrolein 0.030 (0.05), Bromoform 0.089 (0.1), Tetrachloroethene 0.175 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.030 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.028 (0.05), Tetrahydrofuran (THF) 0.049 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.030 (0.05), Tetrahydrofuran (THF) 0.056 (0.05)

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 20, 2021

SDG I.D.: GCI71056

The samples in this delivery group were received at 2.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

WCIP

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Client Services (860) 645-8726

Temp 2.2 Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☑ Email: creilly@ebcincny.com

Customer: EBC
Address: _____

Project: 376 Flushing Avenue, Brooklyn
Report to: EBC
Invoice to: EBC

Project P.O: _____
Phone #: _____
Fax #: _____

Sampler's Signature _____ Date: 7/7/2021

Client Sample - Information - Identification

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP RCRA Metals + Cu, Ni, Zn	RCRA Characteristics	Herbicides	PCBs	Pesticides	EPH Category II	TAL Metals (+ Hex Cr + Mo and Cyanide)	SVOCs 8270 + Pyridine	VOCs 8260 + 1,4-Dioxane	+	+	+	Soil VOA [X] Methanol [ ] S. Bisulfate [X] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Encore
71056	Drum Comp	Soil	7/7/2021		X	X	X	X	X	X	X	X						2								
71057	Drum Grab	Soil	7/7/2021										X				3									

Relinquished by:	Accepted by:	Date:	Time:
Ryan VanMarcy		7/7/21	2:30
		7/8/21	1035

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard
☐ Other 5 DAYS
* SURCHARGE APPLIES

NJ
■ Direct Contract (Residential)
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
■ UUSCO
■ RRUSCO
■ NJ Residential
■ PA Regulated Fill
☐

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

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

Comments, Special Requirements or Regulations:

SVOC list to include atrazine, benzaldehyde, 1,1-biphenyl, and caprolactam.

VOC list to include acrolein, TBA, and total xylenes.

State where samples were collected: NY

Attachment D: Clean Water of New York Disposal Facility Approval

3249 Richmond Terrace
P.O. Box 030312
Staten Island, NY 10303-0312
Telephone (718) 981-4600
Fax (718) 816-4518
www.cwofny.com

PROFILE APPROVAL

Aug 04, 2021

BROOKSIDE ENVIRONMENTAL
22 Ocean Avenue
Copiague, NY 11726
Attn: Brian Graham

Generator:

RIVERSIDE DEVELOPERS USA, INC.
ROSE CASTLE REDEVELOPMENT II LLC
376 Flushing Avenue
Brooklyn, NY 11205

Name of waste: Oily Solids

The approval number for this waste stream is: 237-360

The above referenced waste stream has been approved based on information provided by you on the Generator's Waste Profile Sheet. The waste characteristics must meet all parameters as indicated on the waste profile form. Clean Water reserves the right to reject shipments arriving at the facility due to treatability, physical or chemical characteristics.

Clean Water of New York, Inc. is a fully permitted and insured NYS DEC and USCG approved facility with the authorization and capacity to accept this material.

Please use the approval code on all documentation accompanying the loads.

Please call the facility to schedule a delivery of the material.

Sincerely,

Ralph Duca
Vice President
Clean Water of New York, Inc.

Attachment E: Soil Drum Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	

GENERATOR

5. Generator's Name and Mailing Address
Riverside Developers USA, Inc
266 Broadway
Brooklyn NY 11211
Generator's Phone:

Generator's Site Address (if different than mailing address)
Rose Castle Redevelopment II
376 Flushing Avenue
Brooklyn NY

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Water of New York
3249 Richmond Terrace
Staten Island NY 10303
Facility's Phone: 718 981-4600
U.S. EPA ID Number: NYD000968545

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-regulated waste, solid	001	DM	00200	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Soil. Approval # 237-360

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 5 | Day 6 | Year 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dylan Panaia | Signature | Month 8 | Day 6 | Year 21

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Phil Mona | Signature | Month 8 | Day 6 | Year 21

TRANSPORTER #1

Attachment F: October 1, 2021 Sampling Laboratory Report

Friday, October 08, 2021

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **376 FLUSHING AVE**
SDG ID: **GCJ49597**
Sample ID#s: **CJ49597 - CJ49600**

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

October 08, 2021

SDG I.D.: GCJ49597

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

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

NY # 11301

Sample Id Cross Reference

October 08, 2021

SDG I.D.: GCJ49597

Project ID: 376 FLUSHING AVE

Client Id	Lab Id	Matrix
MW-2	CJ49597	GROUND WATER
MW-1	CJ49598	GROUND WATER
GW DUPLICATE	CJ49599	GROUND WATER
TRIP BLANK	CJ49600	WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DB	10/01/21	
Location Code:	EBC	Received by:	SW	10/05/21	16:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49597
Phoenix ID: CJ49597

Project ID: 376 FLUSHING AVE
Client ID: MW-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					10/07/21			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE
Client ID: MW-2

Phoenix I.D.: CJ49597

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acetone	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,2-Dichloroethene	0.58	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/07/21	MH	SW8260C	
Isopropylbenzene	0.33	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.52	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
sec-Butylbenzene	0.29	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
tert-Butylbenzene	0.59	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrachloroethene	0.50	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrahydrofuran (THF)	3.9	J	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Trichloroethene	1.3		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	106				%	1	10/07/21	MH	70 - 130 %	
% Bromofluorobenzene	101				%	1	10/07/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE
Client ID: MW-2

Phoenix I.D.: CJ49597

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	93			%	1	10/07/21	MH	70 - 130 %
% Toluene-d8	93			%	1	10/07/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	10/07/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	10/07/21	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	10/07/21	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	10/07/21	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	10/07/21	MH	SW8260C

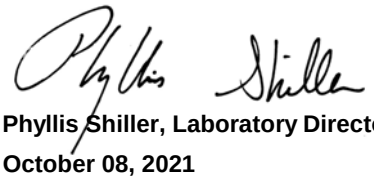
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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

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



Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DB	10/01/21	
Location Code:	EBC	Received by:	SW	10/05/21	16:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49597
Phoenix ID: CJ49598

Project ID: 376 FLUSHING AVE
Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
2-Isopropyltoluene	11	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE
Client ID: MW-1

Phoenix I.D.: CJ49598

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/07/21	MH	SW8260C	
Isopropylbenzene	22		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
n-Butylbenzene	1.3		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
n-Propylbenzene	21		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
sec-Butylbenzene	17		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
tert-Butylbenzene	3.8		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	1
Toluene	0.52	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	104				%	1	10/07/21	MH	70 - 130 %	
% Bromofluorobenzene	107				%	1	10/07/21	MH	70 - 130 %	
% Dibromofluoromethane	93				%	1	10/07/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE
Client ID: MW-1

Phoenix I.D.: CJ49598

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	10/07/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	10/07/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	10/07/21	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	10/07/21	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	10/07/21	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	10/07/21	MH	SW8260C

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

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

Comments:

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

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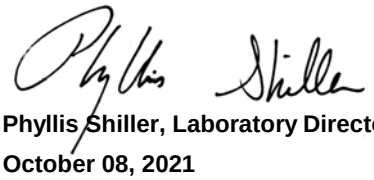

Phyllis Shiller, Laboratory Director
October 08, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DB	10/01/21	
Location Code:	EBC	Received by:	SW	10/05/21	16:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49597
Phoenix ID: CJ49599

Project ID: 376 FLUSHING AVE
Client ID: GW DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE
Client ID: GW DUPLICATE

Phoenix I.D.: CJ49599

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Benzene	0.25	J	0.70	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,2-Dichloroethene	0.63	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/07/21	MH	SW8260C	
Isopropylbenzene	0.41	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.57	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
n-Propylbenzene	0.28	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
sec-Butylbenzene	0.37	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
tert-Butylbenzene	0.63	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrachloroethene	0.54	J	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrahydrofuran (THF)	4.4	J	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Trichloroethene	1.3		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	105				%	1	10/07/21	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	10/07/21	MH	70 - 130 %	
% Dibromofluoromethane	94				%	1	10/07/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE
Client ID: GW DUPLICATE

Phoenix I.D.: CJ49599

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	10/07/21	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	10/07/21	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	10/07/21	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	10/07/21	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	10/07/21	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	10/07/21	MH	SW8260C

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
October 08, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2021

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	DB	10/01/21	
Location Code:	EBC	Received by:	SW	10/05/21	16:41
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49597
Phoenix ID: CJ49600

Project ID: 376 FLUSHING AVE
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/21	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	

Project ID: 376 FLUSHING AVE
Client ID: TRIP BLANK

Phoenix I.D.: CJ49600

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	10/07/21	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	10/07/21	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	10/07/21	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	10/07/21	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	10/07/21	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	10/07/21	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104			%	1	10/07/21	MH	70 - 130 %	
% Bromofluorobenzene	93			%	1	10/07/21	MH	70 - 130 %	
% Dibromofluoromethane	91			%	1	10/07/21	MH	70 - 130 %	

Project ID: 376 FLUSHING AVE
Client ID: TRIP BLANK

Phoenix I.D.: CJ49600

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	93			%	1	10/07/21	MH	70 - 130 %

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

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

Comments:

TRIP BLANK INCLUDED.

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
October 08, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 08, 2021

QA/QC Data

SDG I.D.: GCJ49597

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 595507 (ug/L), QC Sample No: CJ49597 (CJ49597, CJ49598, CJ49599, CJ49600)											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	96	113	16.3	104	108	3.8	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	91	109	18.0	107	110	2.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	94	108	13.9	114	114	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	87	104	17.8	113	115	1.8	70 - 130	30	
1,1-Dichloroethane	ND	1.0	88	104	16.7	101	104	2.9	70 - 130	30	
1,1-Dichloroethene	ND	1.0	86	103	18.0	108	112	3.6	70 - 130	30	
1,1-Dichloropropene	ND	1.0	89	106	17.4	110	115	4.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	88	100	12.8	141	151	6.8	70 - 130	30	m
1,2,3-Trichloropropane	ND	1.0	98	115	16.0	122	106	14.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	94	112	17.5	117	122	4.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	91	108	17.1	102	105	2.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	100	119	17.4	130	131	0.8	70 - 130	30	m
1,2-Dibromoethane	ND	1.0	96	111	14.5	109	112	2.7	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	90	105	15.4	104	108	3.8	70 - 130	30	
1,2-Dichloroethane	ND	1.0	96	112	15.4	106	107	0.9	70 - 130	30	
1,2-Dichloropropane	ND	1.0	86	102	17.0	101	104	2.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	91	107	16.2	103	107	3.8	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	91	105	14.3	101	106	4.8	70 - 130	30	
1,3-Dichloropropane	ND	1.0	96	111	14.5	106	110	3.7	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	90	105	15.4	102	105	2.9	70 - 130	30	
1,4-dioxane	ND	100	109	114	4.5	107	118	9.8	70 - 130	30	
2,2-Dichloropropane	ND	1.0	97	113	15.2	91	92	1.1	70 - 130	30	
2-Chlorotoluene	ND	1.0	90	106	16.3	104	108	3.8	70 - 130	30	
2-Hexanone	ND	5.0	95	110	14.6	124	126	1.6	70 - 130	30	
2-Isopropyltoluene	ND	1.0	89	105	16.5	102	107	4.8	70 - 130	30	
4-Chlorotoluene	ND	1.0	92	107	15.1	102	106	3.8	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	95	108	12.8	129	129	0.0	70 - 130	30	
Acetone	ND	5.0	85	96	12.2	111	106	4.6	70 - 130	30	
Acrolein	ND	5.0	120	138	14.0	133	126	5.4	70 - 130	30	l,m
Acrylonitrile	ND	5.0	92	109	16.9	116	111	4.4	70 - 130	30	
Benzene	ND	0.70	89	107	18.4	106	110	3.7	70 - 130	30	
Bromobenzene	ND	1.0	91	108	17.1	108	109	0.9	70 - 130	30	
Bromochloromethane	ND	1.0	92	106	14.1	107	108	0.9	70 - 130	30	
Bromodichloromethane	ND	0.50	90	108	18.2	103	105	1.9	70 - 130	30	
Bromoform	ND	1.0	99	114	14.1	111	116	4.4	70 - 130	30	
Bromomethane	ND	1.0	63	80	23.8	38	55	36.6	70 - 130	30	l,m,r
Carbon Disulfide	ND	1.0	81	95	15.9	97	99	2.0	70 - 130	30	
Carbon tetrachloride	ND	1.0	93	109	15.8	112	117	4.4	70 - 130	30	
Chlorobenzene	ND	1.0	89	105	16.5	102	106	3.8	70 - 130	30	
Chloroethane	ND	1.0	82	97	16.8	98	101	3.0	70 - 130	30	
Chloroform	ND	1.0	92	108	16.0	102	104	1.9	70 - 130	30	

QA/QC Data

SDG I.D.: GCJ49597

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	1.0	72	87	18.9	88	93	5.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	86	102	17.0	103	105	1.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	88	105	17.6	103	105	1.9	70 - 130	30	
Dibromochloromethane	ND	0.50	94	111	16.6	106	110	3.7	70 - 130	30	
Dibromomethane	ND	1.0	92	108	16.0	110	112	1.8	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	86	100	15.1	102	103	1.0	70 - 130	30	
Ethylbenzene	ND	1.0	90	108	18.2	104	109	4.7	70 - 130	30	
Hexachlorobutadiene	ND	0.40	88	103	15.7	99	108	8.7	70 - 130	30	
Isopropylbenzene	ND	1.0	87	101	14.9	109	110	0.9	70 - 130	30	
m&p-Xylene	ND	1.0	92	109	16.9	106	110	3.7	70 - 130	30	
Methyl ethyl ketone	ND	5.0	85	109	24.7	112	109	2.7	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	93	109	15.8	111	115	3.5	70 - 130	30	
Methylene chloride	ND	1.0	86	100	15.1	97	99	2.0	70 - 130	30	
Naphthalene	ND	1.0	98	114	15.1	137	146	6.4	70 - 130	30	m
n-Butylbenzene	ND	1.0	88	104	16.7	101	106	4.8	70 - 130	30	
n-Propylbenzene	ND	1.0	88	103	15.7	108	110	1.8	70 - 130	30	
o-Xylene	ND	1.0	91	109	18.0	104	108	3.8	70 - 130	30	
p-Isopropyltoluene	ND	1.0	89	105	16.5	103	107	3.8	70 - 130	30	
sec-Butylbenzene	ND	1.0	88	103	15.7	104	108	3.8	70 - 130	30	
Styrene	ND	1.0	96	113	16.3	108	113	4.5	70 - 130	30	
tert-butyl alcohol	ND	10	92	101	9.3	114	128	11.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	89	105	16.5	105	109	3.7	70 - 130	30	
Tetrachloroethene	ND	1.0	83	100	18.6	108	112	3.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	88	106	18.6	117	119	1.7	70 - 130	30	
Toluene	ND	1.0	87	104	17.8	104	109	4.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	90	105	15.4	103	107	3.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	92	107	15.1	108	112	3.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	93	106	13.1	103	107	3.8	70 - 130	30	
Trichloroethene	ND	1.0	86	104	18.9	105	109	3.7	70 - 130	30	
Trichlorofluoromethane	ND	1.0	93	108	14.9	112	116	3.5	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	77	89	14.5	101	107	5.8	70 - 130	30	
Vinyl chloride	ND	1.0	85	100	16.2	105	110	4.7	70 - 130	30	
% 1,2-dichlorobenzene-d4	106	%	103	103	0.0	106	103	2.9	70 - 130	30	
% Bromofluorobenzene	95	%	103	102	1.0	100	102	2.0	70 - 130	30	
% Dibromofluoromethane	94	%	91	88	3.4	98	94	4.2	70 - 130	30	
% Toluene-d8	93	%	94	95	1.1	96	96	0.0	70 - 130	30	

Comment:

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
October 08, 2021

Friday, October 08, 2021

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

Sample Criteria Exceedances Report

GCJ49597 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ49597	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ49597	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ49597	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ49598	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5	ug/L
CJ49598	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ49598	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ49598	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ49598	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	22	1.0	5	5	ug/L
CJ49598	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	17	1.0	5	5	ug/L
CJ49598	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CJ49599	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ49599	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CJ49599	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ49600	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CJ49600	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CJ49600	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

October 08, 2021 SDG I.D.: GCJ49597

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

VOA Narration

CHEM02 10/07/21-1: CJ49597, CJ49598, CJ49599, CJ49600

Chem02 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 29% (20%), 1,4-dioxane 23% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.036 (0.05), 2-Hexanone 0.067 (0.1), 4-Methyl-2-pentanone 0.089 (0.1), Acetone 0.044 (0.1), Acrolein 0.021 (0.05), Bromoform 0.093 (0.1), Methyl ethyl ketone 0.071 (0.1), Tetrahydrofuran (THF) 0.045 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.036 (0.05), Acetone 0.044 (0.05), Acrolein 0.021 (0.05), Tetrahydrofuran (THF) 0.045 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Acrolein 38%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.043 (0.05), Acetone 0.042 (0.05), Acrolein 0.029 (0.05), Tetrahydrofuran (THF) 0.045 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.036 (0.05), Acetone 0.044 (0.05), Acrolein 0.021 (0.05), Tetrahydrofuran (THF) 0.045 (0.05)

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

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NY Temperature Narration

October 08, 2021

SDG I.D.: GCJ49597

The samples in this delivery group were received at 1.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 1.0° C Pg of

Contact Options:
☐ Fax:
■ Phone: (631) 504-6000
■ Email: Csosik@ebcincny.com

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 376 Flushing Avenue
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Douglas Bonyo Date: 10/1/21

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [HCl]	GL Amber 1000ml [ ] As is	PL As is [ ] 250ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
49597	MW-2	GW	10/1/21		✓														9						
49598	MW-1	GW	10/1/21		✓														3						
49599	GW Duplicate	GW	10/1/21		✓														3						
49600	Trip Blank HCl *																								
	Trip Blank LL *																								

Relinquished by:	Accepted by:	Date:	Time:
Douglas Bonyo		10-5-21	12:52
		10/5/21	10:41

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
■ NY375 Unrestricted Use Soil
■ NY375 Residential
■ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

Comments, Special Requirements or Regulations:

TB on MS/MSD on MW-2

* TB's recieved are water (KD)

State where samples were collected: NY

AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
Phone: (718) 545-0474
ariel@amc-engineering.com

January 12, 2022

Wendi Zheng
NYS Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: SMP Monitoring Well Q4 2021 Groundwater Sampling Results
376-378 FLUSHING AVENUE, BROOKLYN, NY
BCP Number: C-224264

Dear Ms.Zheng,

This letter is submitted as a summary of the Q4 2021 post-dewatering groundwater sampling results at the Former NY Cleaning and Dyeing Site, 376-378 Flushing Avenue. In accordance with the SMP submitted to the DEC on July 30, 2020, wherein additional rounds of groundwater sampling in MW-1 and MW-2 were proposed, EBC mobilized onto the Site continue groundwater monitoring and two rounds of groundwater sampling have been completed. Based on the groundwater sampling results, we are also petitioning the Department to cease groundwater monitoring activities.

Background

On January 17, 2017, EBC mobilized to the Site to obtain groundwater samples from onsite monitoring wells as part of its Remedial Investigation (RI). At this point in time, monitoring wells, MW-1 and MW-2, had not been constructed. However, of the monitoring wells present at the time, GW5 was closest to where MW-1 and MW-2 are currently installed; GW5 was approximately 93ft to the West of MW-1 and 100ft to the Northwest of MW-2 (**See Figure 1- Site Plan**). The groundwater sampling from GW5 establishes the historic site conditions prior to any excavation and dewatering activities at the site and shall serve as a basis of comparison for the achievement of bulk asymptotic reduction at the Site. As noted in **Table 1**, the levels of 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 2-isopropyltoluene; bromomethane; ethylbenzene; isopropylbenzene; naphthalene; n-butylbenzene; n-propylbenzene; o-Xylene; p-Isopropyltoluene; sec-Butylbenzene; and tert-butyl alcohol were in exceedance of NYSDEC Groundwater Quality Standards.

Prior to the commencement of dewatering activities, EBC remobilized to the Site on June 25, 2019 to obtain groundwater samples from MW-1 and MW-2 to serve as a baseline. Groundwater sampling results for MW-1 and MW-2 are presented in **Tables 1** and **2,** respectively. There were no exceedances in MW-1; however, there were exceedances in MW-2 for benzene (1.8 µg/L), chloroform (16 µg/L), and chloromethane (16 µg/L). Chloroform and chloromethane were not detected in the soil during the RI and are not-site related contaminants. In addition, if benzene were indicative of site-related contamination, ethylbenzene, toluene, and total xylenes would also

be contaminants of concern in the groundwater sampling. It should be noted that GW5, which was found onsite, did not have any benzene exceedances. Compared to the contaminant levels in GW5, the level of contaminants was found to be significantly lower in the baseline sample.

Following the completion of excavation activities, EBC remobilized to the Site on April 3, 2020 to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (12 µg/L), isopropylbenzene (24 µg/L), n-propylbenzene (14 µg/L), and sec-butylbenzene (27 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. There were no exceedances in the groundwater sample from MW-2.

On September 4, 2020, EBC mobilized to the Site to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (9.7 µg/L), benzene (1.5 µg/L), isopropylbenzene (17 µg/L), n-propylbenzene (11 µg/L), and sec-butylbenzene (14 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The other contaminants were also present in the April 3, 2020 groundwater samples but decreased in this sampling event. There were no exceedances in the groundwater sample obtained from MW-2.

EBC mobilized to the site on January 21, 2021 to obtain a round of groundwater samples from MW-1 and MW-2. The wells were purged prior to sampling as per QA/QC protocol and the logs were provided. In MW-1, levels of 2-isopropyltoluene (13 µg/L), isopropylbenzene (37 µg/L), n-propylbenzene (60 µg/L), and sec-butylbenzene (36 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The groundwater sample obtained from MW-2 exhibited a slight exceedance for benzene (1.1 µg/L). The contaminant levels in both wells are below the baseline contaminant levels but have slightly increased since the prior sampling event.

As per the DEC's instructions, only MW-2 was sampled pending the reinstallation of MW-1. EBC mobilized to the site on June 30, 2021 to obtain a round of groundwater samples from MW-1 and MW-2. There were no exceedances in the groundwater sample obtained from MW-2 and the contaminant levels decreased overall as compared to the January 21, 2021 sampling event.

C^2 Environmental successfully reinstalled MW-1 on July 8, 2021 for groundwater monitoring. Following the reinstallation, EBC mobilized to the Site to sample both MW-1 and MW-2 on October 1, 2021. In MW-1, levels of 2-isopropyltoluene (11 µg/L), isopropylbenzene (22 µg/L), n-propylbenzene (21 µg/L), and sec-butylbenzene (17 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. There were no exceedances in MW-2. The contaminant levels in both wells are below the baseline contaminant levels and have decreased since the previous sampling event.

Description of Field Sampling Event

EBC mobilized to the Site on December 30, 2021 to obtain groundwater samples. The well was purged prior to sampling as per QA/QC protocol and the logs are provided as **Attachment A**.

The samples were transferred into lab-supplied HCl preserved 40 mL vials and stored in an ice-packed cooler before being sent to Phoenix Laboratories (Manchester, CT NELAP NY #11301) for analysis of VOCs via EPA Method 8260.

Analysis of Results and Future Work

This December 30, 2021 sampling event constitutes the second monitoring period following the reinstallation of MW-1. In MW-1, levels of 2-isopropyltoluene (9.3 µg/L), isopropylbenzene (21 µg/L), n-propylbenzene (15 µg/L), and sec-butylbenzene (16 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. These levels have decreased from the October 1, 2021 sampling event. All other VOC contaminant levels in MW-1 were below the levels set by NYSDEC GQS. The total VOC concentration decreased by approximately 15%. The contaminant concentrations are provided in **Table 1** and have been visually represented in **Figure 2**. The groundwater sample obtained from MW-2 did not exhibit any exceedances of NYSDEC Groundwater Quality Standards and the total VOC levels have consistently remained below the levels set by NYSDEC GQS, as shown in **Figure 3** and **Table 2**.

The laboratory report for the December 30, 2021 sampling event are provided as **Attachment B.** Two sampling events were proposed in the SMP, after which the contaminant levels would be evaluated to determine whether asymptotic reduction has been achieved at the Site. As mentioned before, groundwater sampling result from GW5 were used to establish the historic site conditions prior to any excavation and dewatering activities at the site and serve as a basis of comparison for the achievement of bulk asymptotic reduction at the Site. The contaminant levels have consistently trended downward and as seen in **Figures 2 and 3**, there has been a significant reduction in the contaminant levels as compared to the baseline samples. Therefore, we are petitioning the Department to cease monitoring activities at the Site in fulfillment of the SMP.

I thank you for your prompt attention to this matter. Please, let me know if you need any additional information. I can be reached at the above number.
Respectfully submitted,

Ariel Czemerinski, PE
AMC Engineering, PLLC

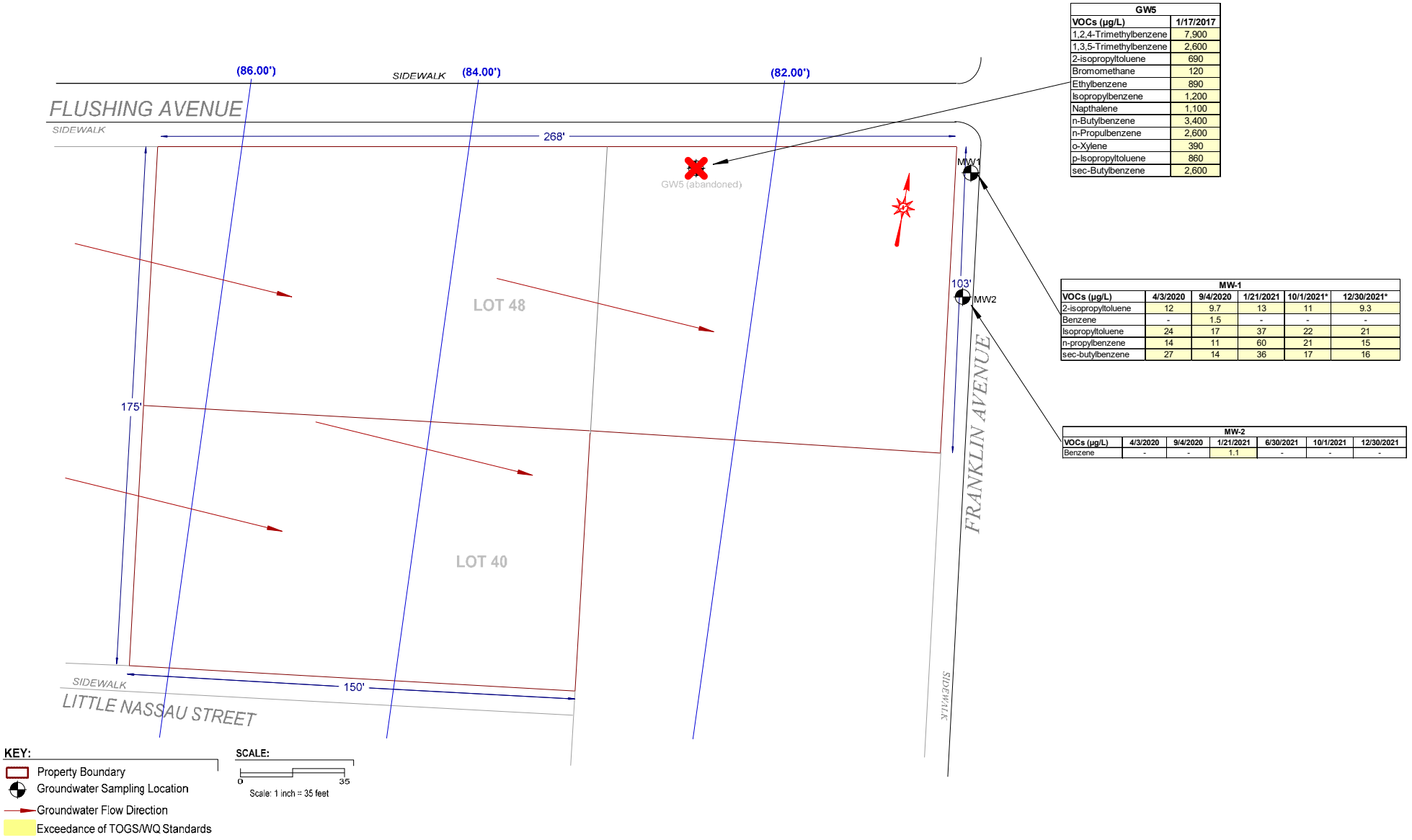
Cc: Zelig Weiss
Riverside Developers
266 Broadway, Suite 301
Brooklyn, NY 11211

Attachments

Figure 1: Site Plan
Figure 2: Total Concentration v. Time in MW1
Figure 3: Total Concentration v. Time in MW2

Table 1: MW-1 Sampling Summary
Table 2: MW-2 Sampling Summary

Attachment A: Purge Logs for December 30, 2021 Sampling Event
Attachment B: December 30, 2021 Groundwater Sampling Laboratory Report



GW5	
VOCs (µg/L)	1/17/2017
1,2,4-Trimethylbenzene	7,900
1,3,5-Trimethylbenzene	2,600
2-isopropyltoluene	690
Bromomethane	120
Ethylbenzene	890
Isopropylbenzene	1,200
Napthalene	1,100
n-Butylbenzene	3,400
n-Propulbenzene	2,600
o-Xylene	390
p-Isopropyltoluene	860
sec-Butylbenzene	2,600

MW-1					
VOCs (µg/L)	4/3/2020	9/4/2020	1/21/2021	10/1/2021*	12/30/2021*
2-isopropyltoluene	12	9.7	13	11	9.3
Benzene	-	1.5	-	-	-
Isopropyltoluene	24	17	37	22	21
n-propylbenzene	14	11	60	21	15
sec-butylbenzene	27	14	36	17	16

MW-2						
VOCs (µg/L)	4/3/2020	9/4/2020	1/21/2021	6/30/2021	10/1/2021	12/30/2021
Benzene	-	-	1.1	-	-	-

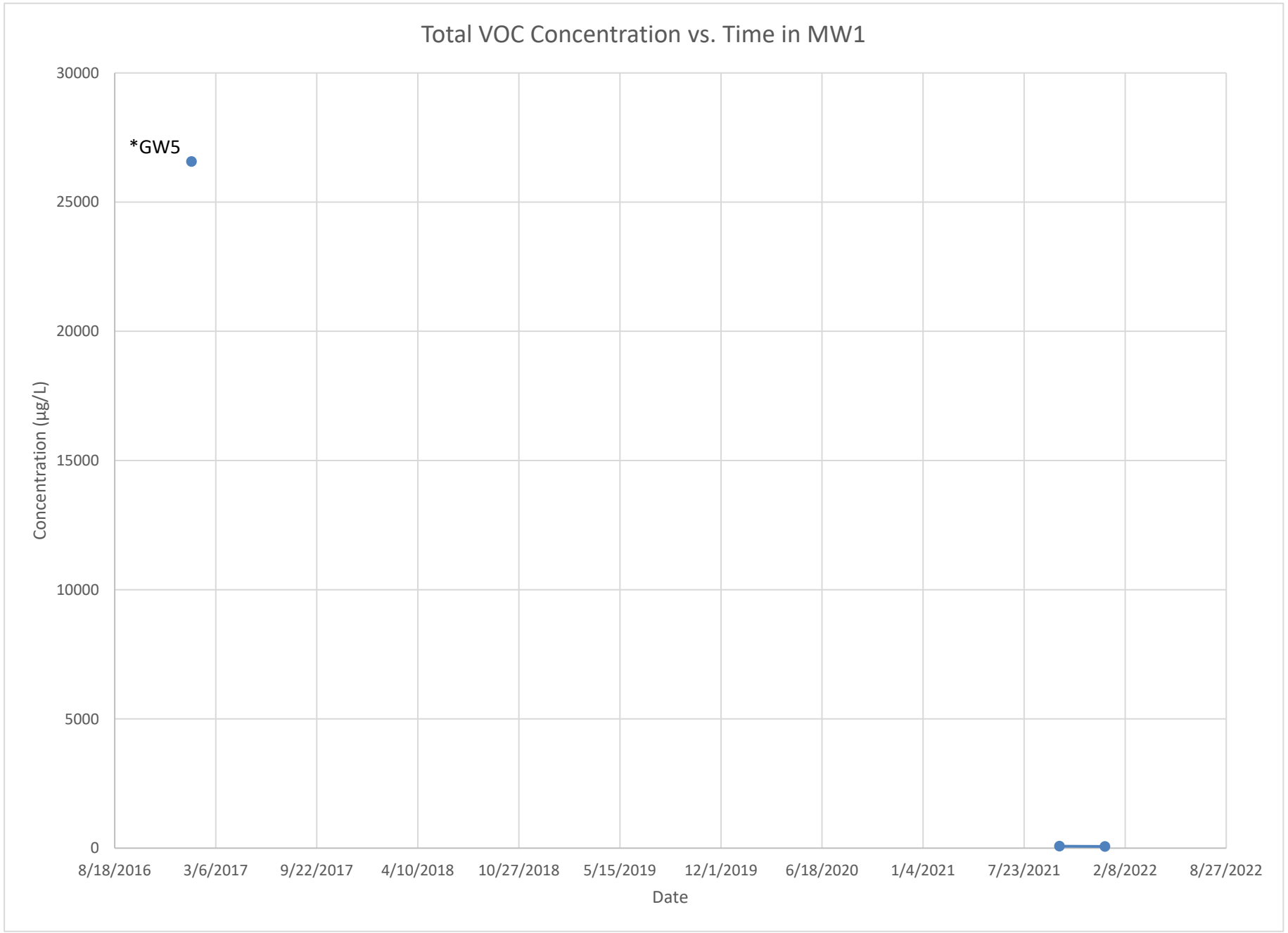
*Results were collected from the reinstalled MW-1

AMC Engineering, PLLC
18-36 42nd Street
Astoria, NY 11105
Phone: (718)545-0474

Date: 1/10/2022

Figure 1: Site Plan with Remaining Exceedances Above TOGS/WQ Standards

Former NY Cleaning and Dyeing Site
376-378 Flushing Avenue, Brooklyn, New York


Total VOC Concentration vs. Time in MW1
30000
25000
20000
15000
10000
5000
0
Concentration (µg/L)
*GW5
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date

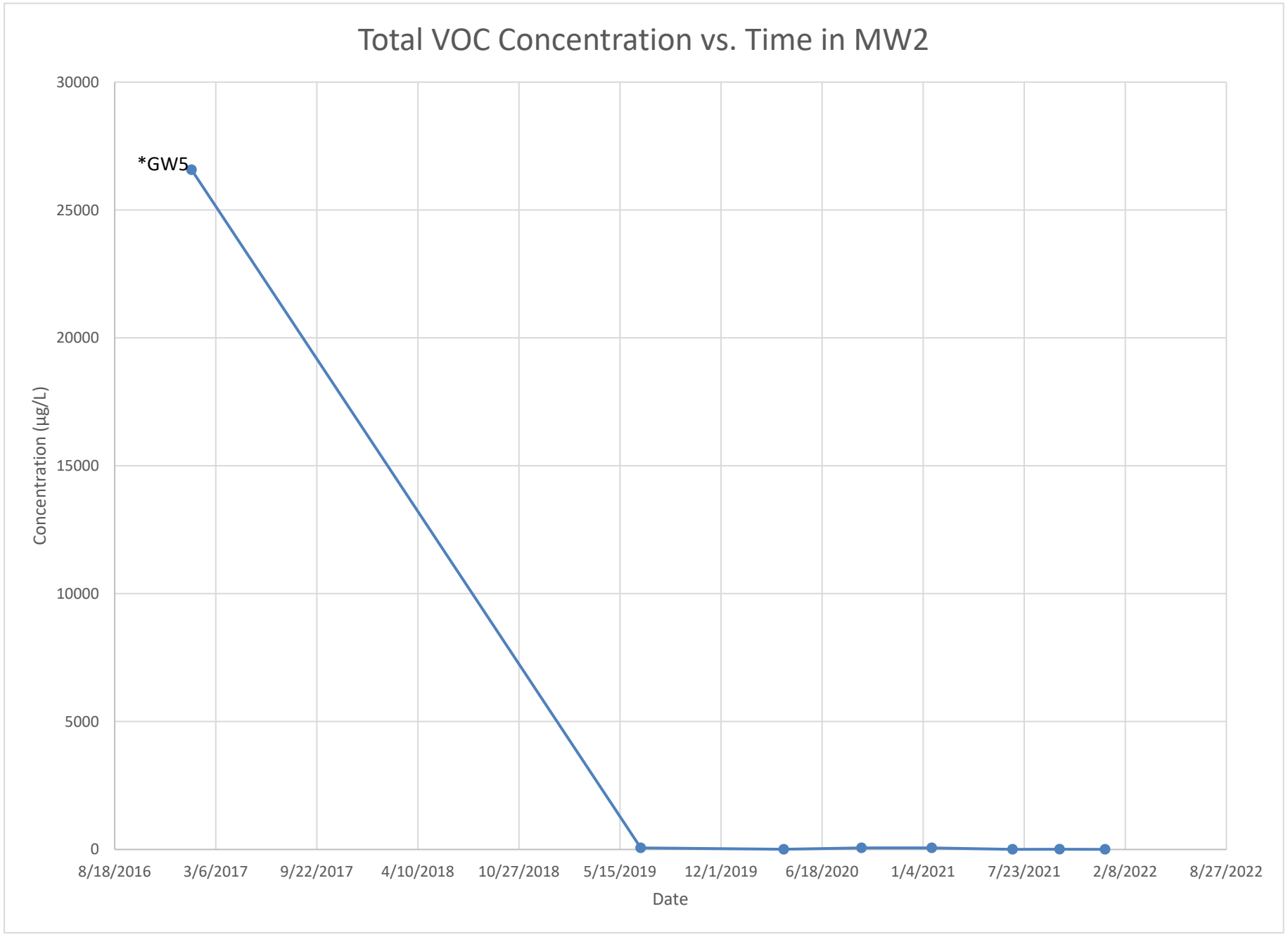

Total VOC Concentration vs. Time in MW2
30000
25000
20000
15000
10000
5000
0
Concentration (µg/L)
*GW5
8/18/2016
3/6/2017
9/22/2017
4/10/2018
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date

Table 1
376 Flushing Avenue
Brooklyn, New York
MW-1 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019		6/25/2019		4/3/2020		4/3/2020		9/4/2020		9/4/2020		Q1 2021		Q3 2021		Q4 2021	
		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1		MW1*		MW1*	
		6/25/2019		6/25/2019		4/3/2020		4/3/2020		9/4/2020		9/4/2020		1/21/2021		10/1/2021		12/30/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	**1.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	**0.25**	< 0.25	**0.25**
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	**0.50**	< 0.50	**0.50**
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3	< 0.25	**0.25**	< 0.25	**0.25**
1,2-Dichlorobenzene		**0.39**	1.0	**0.42**	1.0	**0.45**	1.0	**0.56**	1.0	**0.39**	1.0	**0.42**	1.0	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 4.7	4.7	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		**0.45**	1.0	**0.45**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	**0.31**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 500	500	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		**0.56**	0.20	**0.58**	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**4.2**	1.0	**4.2**	1.0	**12**	1.0	**18**	1.0	**9.7**	1.0	**11**	1.0	**13**	5.0	**11**	1.0	**9.3**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**0.62**	0.70	**0.58**	0.70	**0.45**	0.70	**0.56**	0.70	**1.5**	0.70	**1.5**	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	**0.47**	5.0	**0.48**	5.0	< 5.0	5.0	< 5.0	5.0	**0.27**	5.0	**0.27**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	**0.36**	5.0	**0.46**	5.0	< 5.0	5.0	< 5.0	5.0	**5.5**	7.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	**0.26**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**3**	1.0	**3**	1.0	**24**	1.0	**33**	1.0	**17**	1.0	**17**	1.0	**37**	5.0	**22**	1.0	**21**	1.0
m&p-Xylenes		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	**0.27**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	**5**	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.26**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**0.28**	1.0	**0.31**	1.0	**2.1**	1.0	**3.3**	1.0	**1.7**	1.0	**1.7**	1.0	**2.3**	5.0	**1.3**	1.0	**0.51**	1.0
n-Propylbenzene	5	**0.49**	1.0	**0.54**	1.0	**14**	1.0	**19**	1.0	**11**	1.0	**11**	1.0	**60**	5.0	**21**	1.0	**15**	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	**0.34**	1.0	**0.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**4.8**	1.0	**5**	1.0	**27**	1.0	**38**	1.0	**14**	1.0	**15**	1.0	**36**	5.0	**17**	1.0	**16**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	**11**	50	**15**	50	< 50	50	< 50	50	< 250	250	< 50	50	< 50	50
tert-Butylbenzene	5	**4.2**	1.0	**4.3**	1.0	**4.8**	1.0	**6.9**	1.0	**4.6**	1.0	**4.6**	1.0	**4.5**	5.0	**3.8**	1.0	**3.2**	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	**0.52**	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**19.72**		**21.36**		**96.78**		**140.28**		**61.01**		**63.07**		**158.3**		**76.62**		**65.01**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

*First Quarterly (Q1) Sample for MW-1

Table 2
376 Flushing Avenue
Brooklyn, New York
MW-2 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019		4/3/2020		9/4/2020		Q1 2021				Q2 2021				Q3 2021				Q4 2021			
		MW2		MW2		MW2		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)	
		6/25/2019		4/3/2020		9/4/2020		1/21/2021		1/21/2021		6/30/2021		6/30/2021		10/1/2021		10/1/2021		12/30/2021		12/30/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0	**0.37**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		**0.65**	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	**8.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**1.8**	0.70	**0.36**	0.70	**0.66**	0.70	**1.1**	0.70	**0.75**	0.70	**0.38**	0.70	**0.37**	0.70	< 0.70	0.70	**0.25**	0.70	**0.45**	0.70	**0.43**	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**0.51**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	**0.63**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	**0.44**	5.0	**1.6**	5.0	**1.8**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	**0.82**	1.0	**0.47**	1.0	**1.1**	1.0	**0.56**	1.0	**0.51**	1.0	**0.45**	1.0	**0.47**	1.0	**0.58**	1.0	**0.63**	1.0	**0.65**	1.0	**0.6**	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**2.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.33**	1.0	**0.41**	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes		**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	**0.83**	1.0	**29**	2.0	**3.3**	1.0	**3.3**	1.0	**0.29**	1.0	**0.37**	1.0	**0.52**	1.0	**0.57**	1.0	**0.26**	1.0	**0.27**	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**1**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**2.8**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**3.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.53**	1.0	**0.57**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	**0.37**	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	**25**	50	**50**	50	**47**	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	**0.62**	1.0	**0.26**	1.0	**0.47**	1.0	**2**	1.0	**2.2**	1.0	**0.77**	1.0	**0.76**	1.0	**0.59**	1.0	**0.63**	1.0	**0.9**	1.0	**0.84**	1.0
Tetrachloroethene	5	**1.1**	1.0	**0.97**	1.0	**1.1**	1.0	**0.81**	1.0	**0.81**	1.0	**0.35**	1.0	**0.38**	1.0	**0.5**	1.0	**0.54**	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**2.6**	5.0	< 5.0	5.0	< 5.0	5.0	**3.9**	5.0	**4.4**	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	**0.47**	1.0	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	**1.4**	1.0	**1.4**	1.0	**2**	1.0	**1**	1.0	**1.1**	1.0	**0.77**	1.0	**0.77**	1.0	**1.3**	1.0	**1.3**	1.0	**0.92**	1.0	**0.81**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**61.24**		**4.92**		**61.24**		**61.22**		**61.01**		**3.01**		**3.12**		**8.01**		**9.38**		**3.18**		**2.95**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Attachment A:
Purge Logs for December 30, 2021 Sampling Event

GROUNDWATER PURGE / SAMPLE LOGS

376 Flushing

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Date: 12/30/21

Well Depth (from TOC): 17'

Equipment: Peristaltic Pump

Static Water Level (from TOC): 14'

Field Personnel:

Height of Water in Well: 3'

Gallons of Water per Well Volume:

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°C)	DO (mg/L)	ORP (mV)	Comments
1155				6.84	1.63	15.3	3.55	-124	clear 162
1200				6.74	1.65	15.64	1.68	-137	clear 136
1205				6.78	1.76	15.6	1.36	-144	" 148
1210				6.8	1.82	15.68	0.93	-146	" 138
1215				6.9	1.92	15.74	0.71	-148	124 clear
1220				6.8	1.9	15.75	0.71	-145	clear 115
1230				6.77	1.99	15.77	0.64	-149	clear 109
1235				6.82	2	15.76	0.63	-149	" 110
1240				6.8	2.01	15.75	0.62	-150	Clear Sampled

Note 3,785 ml = 1 gallon

GROUNDWATER PURGE / SAMPLE LOGS

376 Flushing Avenue

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW-2

Date: 12/30/2021

Well Depth (from TOC): 30

Equipment: Peristaltic Pump

Static Water Level (from TOC): 25.3

Field Personnel: Douglas Benyei

Height of Water in Well: 4.7

Gallons of Water per Well Volume: 0.16

Flow Rate: 500 mL/min

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºC)	DO (mg/L)	ORP (mV)	Comments
11:00	11:00	500 mL/min	0.66	6.81	2.71	15.89	7.6	-111	Clear
11:05	11:05	500 mL/min	1.32	6.31	2.73	16.1	566	-112	Clear
11:10	11:10	500 mL/min	1.98	6.44	2.6	16.51	2.58	-128	Clear
11:15	11:15	500 mL/min	2.64	6.4	2.71	16.3	2.1	-120	Clear
11:20	11:20	500 mL/min	3.3	6.38	2.65	16.4	1.89	-131	Clear
11:25	11:25	500 mL/min	3.96	6.45	2.7	16.2	1.8	-118	Clear
11:30	11:30	500 mL/min	4.62	6.4	2.63	16.15	1.7	-120	Clear
11:35	11:35	500 mL/min	5.28	6.5	2.72	16.47	1.52	-108	Clear
11:40	11:40	500 mL/min	5.94	6.5	2.7	16.46	1.5	-108	Clear, Sampled

Note 3,785 ml = 1 gallon

Attachment B:
December 30, 2021 Sampling Laboratory Report

PHOENIX
Environmental Laboratories, Inc.

Friday, January 07, 2022

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **376 FLUSHING AVENUE**
SDG ID: **GCK09009**
Sample ID#s: CK09009 - CK09012

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

January 07, 2022

SDG I.D.: GCK09009

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

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

NY # 11301

Sample Id Cross Reference

January 07, 2022

SDG I.D.: GCK09009

Project ID: 376 FLUSHING AVENUE

Client Id	Lab Id	Matrix
MW-1	CK09009	GROUND WATER
MW-2	CK09010	GROUND WATER
GW DUPLICATE (2)	CK09011	GROUND WATER
TRIP BLANKS	CK09012	GROUND WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2022

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/30/21	
Location Code:	EBC	Received by:	CP	01/04/22	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK09009
Phoenix ID: CK09009

Project ID: 376 FLUSHING AVENUE
Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	01/05/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	01/05/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	01/05/22	MH	SW8260C	
2-Isopropyltoluene	9.3	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	01/05/22	MH	SW8260C	

Project ID: 376 FLUSHING AVENUE
Client ID: MW-1

Phoenix I.D.: CK09009

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	01/05/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	01/05/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	01/05/22	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	01/05/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/05/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	01/05/22	MH	SW8260C	
Isopropylbenzene	21		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	01/05/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	01/05/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	01/05/22	MH	SW8260C	
n-Butylbenzene	0.51	J	1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
n-Propylbenzene	15		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
sec-Butylbenzene	16		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
tert-Butylbenzene	3.2		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	01/05/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/05/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	01/05/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	01/05/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	01/05/22	MH	70 - 130 %	
% Bromofluorobenzene	101				%	1	01/05/22	MH	70 - 130 %	
% Dibromofluoromethane	103				%	1	01/05/22	MH	70 - 130 %	

Ver 1

Project ID: 376 FLUSHING AVENUE
Client ID: MW-1

Phoenix I.D.: CK09009

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	104			%	1	01/05/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	01/05/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	01/05/22	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	01/05/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	01/05/22	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	01/05/22	MH	SW8260C

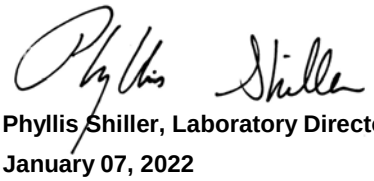
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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

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



Phyllis Shiller, Laboratory Director
January 07, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2022

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/30/21	
Location Code:	EBC	Received by:	CP	01/04/22	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK09009
Phoenix ID: CK09010

Project ID: 376 FLUSHING AVENUE
Client ID: MW-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					01/04/22			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	

Project ID: 376 FLUSHING AVENUE
Client ID: MW-2

Phoenix I.D.: CK09010

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
Acetone	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Benzene	0.45	J	0.70	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
cis-1,2-Dichloroethene	0.65	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	01/04/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.26	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	01/04/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	01/04/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
tert-Butylbenzene	0.90	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
Trichloroethene	0.92	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	01/04/22	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	01/04/22	MH	70 - 130 %	

Project ID: 376 FLUSHING AVENUE
Client ID: MW-2

Phoenix I.D.: CK09010

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	107			%	1	01/04/22	MH	70 - 130 %
% Toluene-d8	102			%	1	01/04/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	01/04/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	01/04/22	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	01/04/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	01/04/22	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	01/04/22	MH	SW8260C

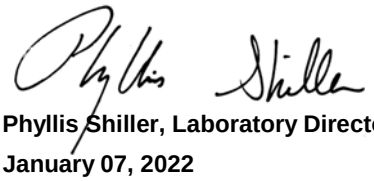
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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

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



Phyllis Shiller, Laboratory Director

January 07, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2022

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/30/21	
Location Code:	EBC	Received by:	CP	01/04/22	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK09009
Phoenix ID: CK09011

Project ID: 376 FLUSHING AVENUE
Client ID: GW DUPLICATE (2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	

Project ID: 376 FLUSHING AVENUE
Client ID: GW DUPLICATE (2)

Phoenix I.D.: CK09011

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Benzene	0.43	J	0.70	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
cis-1,2-Dichloroethene	0.60	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	01/04/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.27	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	01/04/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	01/04/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
tert-Butylbenzene	0.84	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
Trichloroethene	0.81	J	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	01/04/22	MH	70 - 130 %	
% Bromofluorobenzene	103				%	1	01/04/22	MH	70 - 130 %	
% Dibromofluoromethane	110				%	1	01/04/22	MH	70 - 130 %	

Ver 1

Project ID: 376 FLUSHING AVENUE
Client ID: GW DUPLICATE (2)

Phoenix I.D.: CK09011

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	01/04/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	01/04/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	01/04/22	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	01/04/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	01/04/22	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	01/04/22	MH	SW8260C

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

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

Comments:

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

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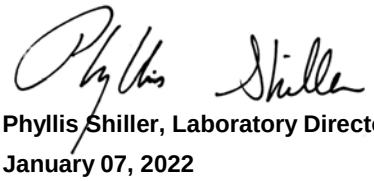

Phyllis Shiller, Laboratory Director
January 07, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2022

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/30/21	
Location Code:	EBC	Received by:	CP	01/04/22	14:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK09009
Phoenix ID: CK09012

Project ID: 376 FLUSHING AVENUE
Client ID: TRIP BLANKS

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	01/04/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	

Project ID: 376 FLUSHING AVENUE
Client ID: TRIP BLANKS

Phoenix I.D.: CK09012

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	01/04/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	01/04/22	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	01/04/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	01/04/22	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/04/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	01/04/22	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	01/04/22	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103			%	1	01/04/22	MH	70 - 130 %	
% Bromofluorobenzene	96			%	1	01/04/22	MH	70 - 130 %	
% Dibromofluoromethane	106			%	1	01/04/22	MH	70 - 130 %	

Project ID: 376 FLUSHING AVENUE
Client ID: TRIP BLANKS

Phoenix I.D.: CK09012

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	01/04/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	01/04/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	01/04/22	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	01/04/22	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	01/04/22	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	01/04/22	MH	SW8260C

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

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

Comments:

TRIP BLANK INCLUDED.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 07, 2022

QA/QC Data

SDG I.D.: GCK09009

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 607243 (ug/L), QC Sample No: CK09009 (CK09009)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	100	100	0.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	101	100	1.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	101	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	98	97	1.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	102	101	1.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	100	104	3.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	104	101	2.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	101	100	1.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	100	97	3.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	94	93	1.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	105	105	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	95	93	2.1				70 - 130	30
1,2-Dibromoethane	ND	1.0	101	102	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	97	96	1.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	97	95	2.1				70 - 130	30
1,2-Dichloropropane	ND	1.0	95	96	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	106	106	0.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	97	96	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	99	100	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	94	94	0.0				70 - 130	30
1,4-dioxane	ND	100	87	114	26.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	114	109	4.5				70 - 130	30
2-Chlorotoluene	ND	1.0	102	101	1.0				70 - 130	30
2-Hexanone	ND	5.0	98	100	2.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	104	102	1.9				70 - 130	30
4-Chlorotoluene	ND	1.0	103	100	3.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	101	102	1.0				70 - 130	30
Acetone	ND	5.0	91	95	4.3				70 - 130	30
Acrolein	ND	5.0	130	142	8.8				70 - 130	30
Acrylonitrile	ND	5.0	95	96	1.0				70 - 130	30
Benzene	ND	0.70	101	98	3.0				70 - 130	30
Bromobenzene	ND	1.0	99	96	3.1				70 - 130	30
Bromochloromethane	ND	1.0	99	101	2.0				70 - 130	30
Bromodichloromethane	ND	0.50	99	97	2.0				70 - 130	30
Bromoform	ND	1.0	100	104	3.9				70 - 130	30
Bromomethane	ND	1.0	103	103	0.0				70 - 130	30
Carbon Disulfide	ND	1.0	85	90	5.7				70 - 130	30
Carbon tetrachloride	ND	1.0	117	117	0.0				70 - 130	30
Chlorobenzene	ND	1.0	96	97	1.0				70 - 130	30
Chloroethane	ND	1.0	100	102	2.0				70 - 130	30
Chloroform	ND	1.0	100	97	3.0				70 - 130	30

QA/QC Data

SDG I.D.: GCK09009

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	1.0	108	107	0.9				70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	96	93	3.2				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	101	100	1.0				70 - 130	30	
Dibromochloromethane	ND	0.50	98	98	0.0				70 - 130	30	
Dibromomethane	ND	1.0	95	93	2.1				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	121	120	0.8				70 - 130	30	
Ethylbenzene	ND	1.0	102	101	1.0				70 - 130	30	
Hexachlorobutadiene	ND	0.40	103	104	1.0				70 - 130	30	
Isopropylbenzene	ND	1.0	109	109	0.0				70 - 130	30	
m&p-Xylene	ND	1.0	106	104	1.9				70 - 130	30	
Methyl ethyl ketone	ND	5.0	102	100	2.0				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	91	93	2.2				70 - 130	30	
Methylene chloride	ND	1.0	81	84	3.6				70 - 130	30	
Naphthalene	ND	1.0	105	105	0.0				70 - 130	30	
n-Butylbenzene	ND	1.0	110	109	0.9				70 - 130	30	
n-Propylbenzene	ND	1.0	104	101	2.9				70 - 130	30	
o-Xylene	ND	1.0	102	102	0.0				70 - 130	30	
p-Isopropyltoluene	ND	1.0	111	109	1.8				70 - 130	30	
sec-Butylbenzene	ND	1.0	111	111	0.0				70 - 130	30	
Styrene	ND	1.0	107	106	0.9				70 - 130	30	
tert-butyl alcohol	ND	10	108	122	12.2				70 - 130	30	
tert-Butylbenzene	ND	1.0	107	105	1.9				70 - 130	30	
Tetrachloroethene	ND	1.0	98	95	3.1				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	95	97	2.1				70 - 130	30	
Toluene	ND	1.0	99	97	2.0				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	91	92	1.1				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	101	101	0.0				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	107	109	1.9				70 - 130	30	
Trichloroethene	ND	1.0	98	96	2.1				70 - 130	30	
Trichlorofluoromethane	ND	1.0	111	111	0.0				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	93	94	1.1				70 - 130	30	
Vinyl chloride	ND	1.0	109	106	2.8				70 - 130	30	
% 1,2-dichlorobenzene-d4	106	%	101	100	1.0				70 - 130	30	
% Bromofluorobenzene	92	%	100	102	2.0				70 - 130	30	
% Dibromofluoromethane	109	%	98	98	0.0				70 - 130	30	
% Toluene-d8	102	%	101	97	4.0				70 - 130	30	

Comment:

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

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

QA/QC Batch 607007 (ug/L), QC Sample No: CK09010 (CK09010, CK09011, CK09012)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	94	97	3.1	95	83	13.5	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	97	99	2.0	102	89	13.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	92	96	4.3	97	88	9.7	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	93	98	5.2	95	85	11.1	70 - 130	30	
1,1-Dichloroethane	ND	1.0	98	102	4.0	102	89	13.6	70 - 130	30	
1,1-Dichloroethene	ND	1.0	97	97	0.0	96	85	12.2	70 - 130	30	
1,1-Dichloropropene	ND	1.0	100	101	1.0	97	84	14.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	93	96	3.2	78	70	10.8	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	93	99	6.3	91	83	9.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	95	94	1.1	75	63	17.4	70 - 130	30	m

QA/QC Data

SDG I.D.: GCK09009

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trimethylbenzene	ND	1.0	104	105	1.0	89	75	17.1	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	88	90	2.2	96	88	8.7	70 - 130	30	
1,2-Dibromoethane	ND	1.0	93	98	5.2	95	82	14.7	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	95	96	1.0	84	75	11.3	70 - 130	30	
1,2-Dichloroethane	ND	1.0	92	95	3.2	93	85	9.0	70 - 130	30	
1,2-Dichloropropane	ND	1.0	95	97	2.1	93	83	11.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	104	106	1.9	90	76	16.9	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	96	96	0.0	82	70	15.8	70 - 130	30	
1,3-Dichloropropane	ND	1.0	95	98	3.1	97	85	13.2	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	92	93	1.1	79	67	16.4	70 - 130	30	m
1,4-dioxane	ND	100	101	99	2.0	107	77	32.6	70 - 130	30	r
2,2-Dichloropropane	ND	1.0	111	114	2.7	96	84	13.3	70 - 130	30	
2-Chlorotoluene	ND	1.0	101	101	0.0	90	77	15.6	70 - 130	30	
2-Hexanone	ND	5.0	86	91	5.6	95	83	13.5	70 - 130	30	
2-Isopropyltoluene	ND	1.0	100	102	2.0	85	74	13.8	70 - 130	30	
4-Chlorotoluene	ND	1.0	101	100	1.0	86	74	15.0	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	91	95	4.3	96	88	8.7	70 - 130	30	
Acetone	ND	5.0	85	88	3.5	103	94	9.1	70 - 130	30	
Acrolein	ND	5.0	126	133	5.4	121	111	8.6	70 - 130	30	l
Acrylonitrile	ND	5.0	87	91	4.5	91	83	9.2	70 - 130	30	
Benzene	ND	0.70	95	98	3.1	98	88	10.8	70 - 130	30	
Bromobenzene	ND	1.0	94	96	2.1	89	76	15.8	70 - 130	30	
Bromochloromethane	ND	1.0	94	97	3.1	93	84	10.2	70 - 130	30	
Bromodichloromethane	ND	0.50	95	97	2.1	96	87	9.8	70 - 130	30	
Bromoform	ND	1.0	92	99	7.3	97	85	13.2	70 - 130	30	
Bromomethane	ND	1.0	92	95	3.2	84	76	10.0	70 - 130	30	
Carbon Disulfide	ND	1.0	83	84	1.2	79	69	13.5	70 - 130	30	m
Carbon tetrachloride	ND	1.0	101	97	4.0	98	87	11.9	70 - 130	30	
Chlorobenzene	ND	1.0	93	94	1.1	90	80	11.8	70 - 130	30	
Chloroethane	ND	1.0	97	97	0.0	99	85	15.2	70 - 130	30	
Chloroform	ND	1.0	97	98	1.0	100	87	13.9	70 - 130	30	
Chloromethane	ND	1.0	91	92	1.1	90	80	11.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	92	91	1.1	92	81	12.7	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	98	100	2.0	85	77	9.9	70 - 130	30	
Dibromochloromethane	ND	0.50	94	97	3.1	93	84	10.2	70 - 130	30	
Dibromomethane	ND	1.0	93	95	2.1	94	84	11.2	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	82	84	2.4	74	63	16.1	70 - 130	30	m
Ethylbenzene	ND	1.0	98	98	0.0	92	80	14.0	70 - 130	30	
Hexachlorobutadiene	ND	0.40	103	105	1.9	74	61	19.3	70 - 130	30	m
Isopropylbenzene	ND	1.0	106	107	0.9	95	81	15.9	70 - 130	30	
m&p-Xylene	ND	1.0	100	105	4.9	96	81	16.9	70 - 130	30	
Methyl ethyl ketone	ND	5.0	93	94	1.1	98	89	9.6	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	85	87	2.3	86	80	7.2	70 - 130	30	
Methylene chloride	ND	1.0	80	82	2.5	80	73	9.2	70 - 130	30	
Naphthalene	ND	1.0	97	102	5.0	98	88	10.8	70 - 130	30	
n-Butylbenzene	ND	1.0	106	108	1.9	78	63	21.3	70 - 130	30	m
n-Propylbenzene	ND	1.0	101	102	1.0	85	73	15.2	70 - 130	30	
o-Xylene	ND	1.0	99	101	2.0	95	81	15.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	108	108	0.0	83	70	17.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	107	108	0.9	90	75	18.2	70 - 130	30	
Styrene	ND	1.0	103	107	3.8	98	85	14.2	70 - 130	30	
tert-butyl alcohol	ND	10	99	99	0.0	126	93	30.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	105	105	0.0	94	82	13.6	70 - 130	30	

QA/QC Data

SDG I.D.: GCK09009

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Tetrachloroethene	ND	1.0	93	95	2.1	85	71	17.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	87	91	4.5	97	84	14.4	70 - 130	30	
Toluene	ND	1.0	95	97	2.1	95	83	13.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	90	93	3.3	89	80	10.7	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	97	101	4.0	94	83	12.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	100	101	1.0	95	86	9.9	70 - 130	30	
Trichloroethene	ND	1.0	92	96	4.3	92	77	17.8	70 - 130	30	
Trichlorofluoromethane	ND	1.0	102	104	1.9	110	92	17.8	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	90	90	0.0	80	67	17.7	70 - 130	30	m
Vinyl chloride	ND	1.0	97	97	0.0	93	86	7.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	104	%	101	99	2.0	99	101	2.0	70 - 130	30	
% Bromofluorobenzene	96	%	102	102	0.0	101	102	1.0	70 - 130	30	
% Dibromofluoromethane	107	%	101	101	0.0	102	102	0.0	70 - 130	30	
% Toluene-d8	101	%	100	101	1.0	99	100	1.0	70 - 130	30	

Comment:

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2022

Friday, January 07, 2022

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCK09009 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK09009	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	16	1.0	5	5	ug/L
CK09009	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CK09009	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CK09009	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	9.3	1.0	5	5	ug/L
CK09009	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5	ug/L
CK09009	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	ug/L
CK09009	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CK09010	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CK09010	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CK09010	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CK09011	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CK09011	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CK09011	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CK09012	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CK09012	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CK09012	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 07, 2022 SDG I.D.: GCK09009

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

VOA Narration

CHEM23 01/04/22-2: CK09010, CK09011, CK09012

The following Initial Calibration compounds did not meet RSD% criteria: Carbon disulfide 23% (20%), Chloroethane 23% (20%), Isopropylbenzene 23% (20%), Methylene chloride 28% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acrolein 0.047 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.047 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Acrolein 40%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

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

CHEM23 01/05/22-1: CK09009

The following Initial Calibration compounds did not meet RSD% criteria: Carbon disulfide 23% (20%), Chloroethane 23% (20%), Isopropylbenzene 23% (20%), Methylene chloride 28% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acrolein 0.047 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.047 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Acrolein 34%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

January 07, 2022

SDG I.D.: GCK09009

The samples in this delivery group were received at 2.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

CHAIN OF CUSTODY RECORD

Temp 2.2°C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

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

Data Delivery:
[ ] Fax #:
[■] Email:

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 376 Flushing Avenue
Report to: EBC
Invoice to: EBC
Phone #: 631.504.6000
Fax #: 631.924.2870

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Douglas Brown Date: 12-30-21

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260B	SVOCs 8270	Pesticides/PCBs 8081/8082	TAL Metals 6010 (dissolved & undissolved)	1,4- dioxane 8270 SIM						Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vials [ ] As is [X] HCL	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	8oz Amber NAHSO4	Bacteria Bottle
09009	MW-1	GW			X												3							
09010	MW-2	GW			X												9							
09011	GW Duplicate (2)	GW			X												3							
09012	Tripblanks	GW			X												2							

Relinquished by:	Accepted by:	Date:	Time:
		1-4-22	9:15
		1-4-22	1406

Comments, Special Requirements or Regulations:

Run MS/MSD on MW-2

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[■] Standard
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Direct Contact (Residential)
[ ] GW
[ ] Other

NY
[■] NY 375 GWP
[ ] NY375 Unrestricted Use Soill
[ ] NY375 Residential Soil
[ ] Restricted/Residentail

State where samples were collected: NY

Data Format
[■] Excel
[■] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist ASP B Deliverables*
[ ] Phoenix Std Report
[ ] Other

AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
Phone: (718) 545-0474
ariel@amc-engineering.com

May 10, 2022

Wendi Zheng
NYS Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: SMP Monitoring Well Q1 2022 Groundwater Sampling Results
376-378 FLUSHING AVENUE, BROOKLYN, NY
BCP Number: C-224264

Dear Ms. Zheng,

This letter is submitted as a summary of the Q1 2022 groundwater sampling results at the Former NY Cleaning and Dyeing Site, 376-378 Flushing Avenue.

In accordance with the SMP submitted to the DEC on July 30, 2020, additional rounds of groundwater sampling in MW-1 and MW-2 were required.

On March 22, 2022, EBC mobilized onto the off-site sidewalk where MW1 and MW2 are located to obtain a groundwater sample from MW1.

Background

On January 17, 2017, EBC mobilized to the Site to obtain groundwater samples from onsite monitoring wells as part of its Remedial Investigation (RI). At this point in time, monitoring wells, MW-1 and MW-2, had not been constructed. However, of the monitoring wells present at the time, GW5 was closest to where MW-1 and MW-2 are currently installed; GW5 was approximately 93ft to the West of MW-1 and 100ft to the Northwest of MW-2 (**See Figure 1- Site Plan**). The groundwater sampling from GW5 establishes the historic site conditions prior to any excavation and dewatering activities at the site and shall serve as a basis of comparison for the achievement of bulk asymptotic reduction at the Site. As noted in **Table 1**, the levels of 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; 2-isopropyltoluene; bromomethane; ethylbenzene; isopropylbenzene; naphthalene; n-butylbenzene; n-propylbenzene; o-Xylene; p-Isopropyltoluene; sec-Butylbenzene; and tert-butyl alcohol were in exceedance of NYSDEC Groundwater Quality Standards.

Prior to the commencement of dewatering activities, EBC remobilized to the Site on June 25, 2019 to obtain groundwater samples from MW-1 and MW-2 to serve as a baseline. Groundwater sampling results for MW-1 and MW-2 are presented in **Tables 1** and **2,** respectively. There were no exceedances in MW-1; however, there were exceedances in MW-2 for benzene (1.8 µg/L), chloroform (16 µg/L), and chloromethane (16 µg/L). Chloroform and chloromethane were not detected in the soil during the RI and are not-site related contaminants. In addition, if benzene

were indicative of site-related contamination, ethylbenzene, toluene, and total xylenes would also be contaminants of concern in the groundwater sampling. It should be noted that GW5, which was found onsite, did not have any benzene exceedances. Compared to the contaminant levels in GW5, the level of contaminants was found to be significantly lower in the baseline sample.

Following the completion of excavation activities, EBC remobilized to the Site on April 3, 2020 to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (12 µg/L), isopropylbenzene (24 µg/L), n-propylbenzene (14 µg/L), and sec-butylbenzene (27 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. There were no exceedances in the groundwater sample from MW-2.

On September 4, 2020, EBC mobilized to the Site to obtain groundwater samples from MW-1 and MW-2. In MW-1, levels of 2-isopropyltoluene (9.7 µg/L), benzene (1.5 µg/L), isopropylbenzene (17 µg/L), n-propylbenzene (11 µg/L), and sec-butylbenzene (14 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The other contaminants were also present in the April 3, 2020 groundwater samples but decreased in this sampling event. There were no exceedances in the groundwater sample obtained from MW-2.

EBC mobilized to the site on January 21, 2021 to obtain a round of groundwater samples from MW-1 and MW-2. The wells were purged prior to sampling as per QA/QC protocol and the logs were provided. In MW-1, levels of 2-isopropyltoluene (13 µg/L), isopropylbenzene (37 µg/L), n-propylbenzene (60 µg/L), and sec-butylbenzene (36 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. The groundwater sample obtained from MW-2 exhibited a slight exceedance for benzene (1.1 µg/L). The contaminant levels in both wells are below the baseline contaminant levels but have slightly increased since the prior sampling event.

As per the DEC's instructions, only MW-2 was sampled pending the reinstallation of MW-1. EBC mobilized to the site on June 30, 2021 to obtain a round of groundwater samples from MW-1 and MW-2. There were no exceedances in the groundwater sample obtained from MW-2 and the contaminant levels decreased overall as compared to the January 21, 2021 sampling event.

C^2 Environmental successfully reinstalled MW-1 on July 8, 2021 for groundwater monitoring. Following the reinstallation, EBC mobilized to the Site to sample both MW-1 and MW-2 on October 1, 2021. In MW-1, levels of 2-isopropyltoluene (11 µg/L), isopropylbenzene (22 µg/L), n-propylbenzene (21 µg/L), and sec-butylbenzene (17 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. There were no exceedances in MW-2. The contaminant levels in both wells are below the baseline contaminant levels and have decreased since the previous sampling event.

EBC mobilized to the Site on December 30, 2021 to obtain groundwater samples. The well was purged prior to sampling as per QA/QC protocol. In MW-1, levels of 2-isopropyltoluene (9.3 µg/L), isopropylbenzene (21 µg/L), n-propylbenzene (15 µg/L), and sec-butylbenzene (16 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. These levels have decreased

from the October 1, 2021 sampling event. All other VOC contaminant levels in MW-1 were below the levels set by NYSDEC GQS. The total VOC concentration decreased by approximately 15%. The groundwater sample obtained from MW-2 did not exhibit any exceedances of NYSDEC Groundwater Quality Standards and the total VOC levels have consistently remained below the levels set by NYSDEC GQS.

On February 10, 2022, DEC completed the review of the Q4 2021 data. In accordance with DER-10 section 6.2.2(c)(4)(ii), quarterly sampling is generally required "for a minimum of eight quarters, including…at least one well or well cluster located downgradient of the source area…" DEC noted that four quarterly sampling events on MW-2, but only two quarterly events on properly re-installed MW-1. The Department will consider cessation of monitoring for MW-1 following completion of at least 2 additional quarterly monitoring events (first and second quarters of 2022). Following submittal of those monitoring results the Department will assess whether further monitoring is required. DEC noted that cessation for groundwater monitoring at MW-2 is approved. In accordance with the SMP, MW-2 must be properly decommissioned in accordance with NYSDEC CP-43.

On February 11. 2022 EBC contacted DEC to confirm it was acceptable to decommission MW2 once MW1 received approval to be decommissioned and DEC noted this was acceptable.

Description of Field Sampling Event

EBC mobilized to the Site on March 22, 2022 to obtain groundwater samples from MW1. As per prior correspondence from DEC MW2 no longer needs to be sampled. The well was purged prior to sampling as per QA/QC protocol and the log is provided as **Attachment A**.

The samples were transferred into lab-supplied HCl preserved 40 mL vials and stored in an ice-packed cooler before being sent to Phoenix Laboratories (Manchester, CT NELAP NY #11301) for analysis of VOCs via EPA Method 8260.

Analysis of Results and Future Work

The March 22, 2022 sampling event constitutes the third monitoring period following the reinstallation of MW-1. In MW-1, levels of 2-isopropyltoluene (13 µg/L), isopropylbenzene (34 µg/L), n-propylbenzene (33 µg/L), and sec-butylbenzene (24 µg/L) were in exceedance of NYSDEC Groundwater Quality Standards. These levels have increased from the December 30, 2021 sampling event. All other VOC contaminant levels in MW-1 were below the levels set by NYSDEC GQS. The total VOC concentration increased significantly to 109 ppb from <5 ppb. The contaminant concentrations are provided in **Table 1** and have been visually represented in **Figure 2**.

The laboratory report for the March 22, 2022 sampling event are provided as **Attachment B.** One additional sampling event will be conducted as per DEC, after which the contaminant levels would

be evaluated to determine whether asymptotic reduction has been achieved at the Site. As mentioned before, groundwater sampling result from GW5 were used to establish the historic site conditions prior to any excavation and dewatering activities at the site and serve as a basis of comparison for the achievement of bulk asymptotic reduction at the Site. The contaminant levels have generally trended downward despite this period's uptick in VOC concentration.

I thank you for your prompt attention to this matter. Please, let me know if you need any additional information. I can be reached at the above number.
Respectfully submitted,

Ariel Czemerinski, PE
AMC Engineering, PLLC

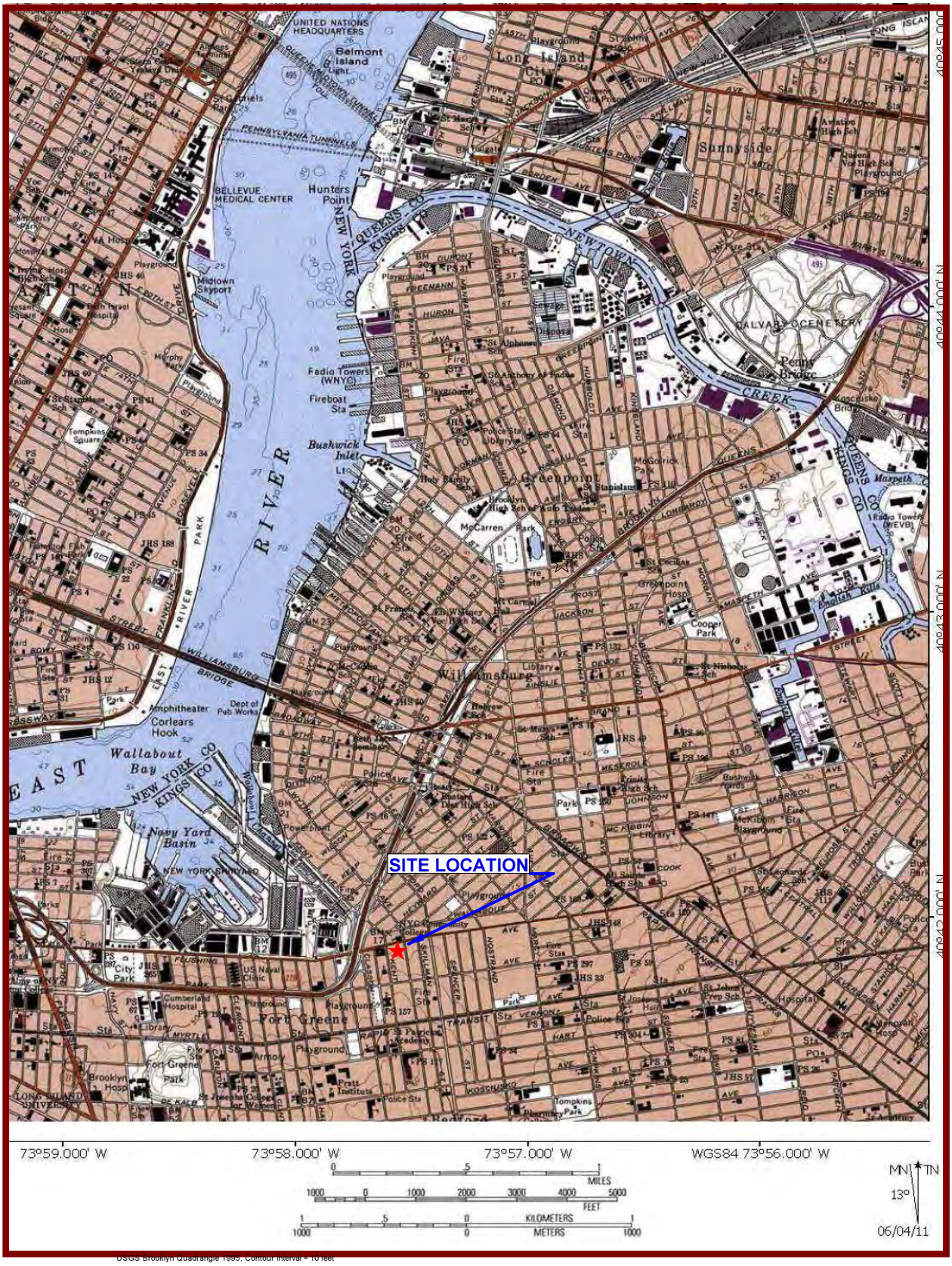
Cc: Zelig Weiss
Riverside Developers
266 Broadway, Suite 301
Brooklyn, NY 11211

Attachments

Figure 1: Site Plan
Figure 2: Total Concentration v. Time in MW1
Figure 3: Total Concentration v. Time in MW2

Table 1: MW-1 Sampling Summary
Table 2: MW-2 Sampling Summary

Attachment A: Purge Logs for December 30, 2021 Sampling Event
Attachment B: December 30, 2021 Groundwater Sampling Laboratory Report

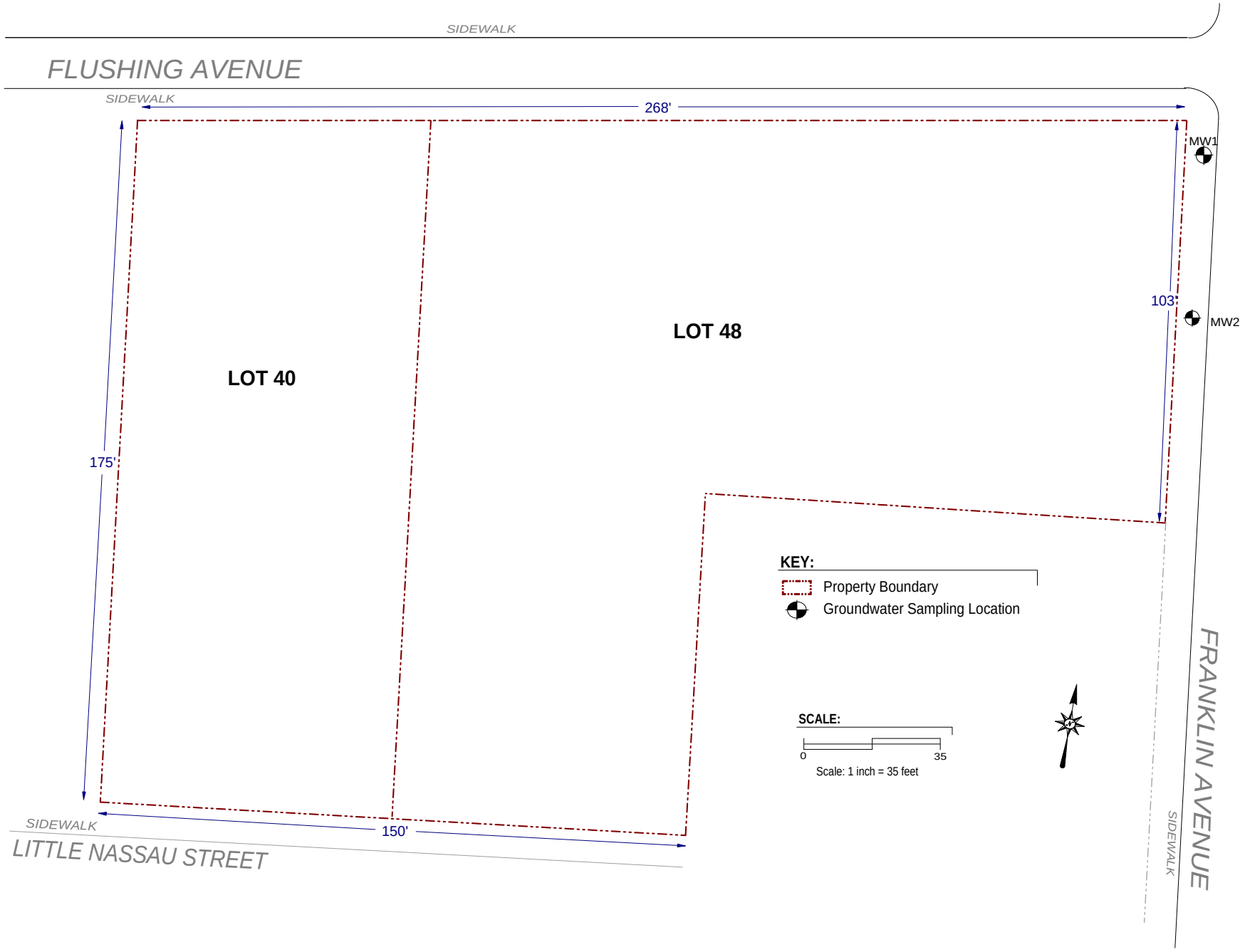


USGS Brooklyn Quadrangle 1995; Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

376-378 FLUSHING AVENUE, BROOKLYN NY
BLOCK 1884 LOTS 40 AND 48

FIGURE 1 SITE LOCATION MAP



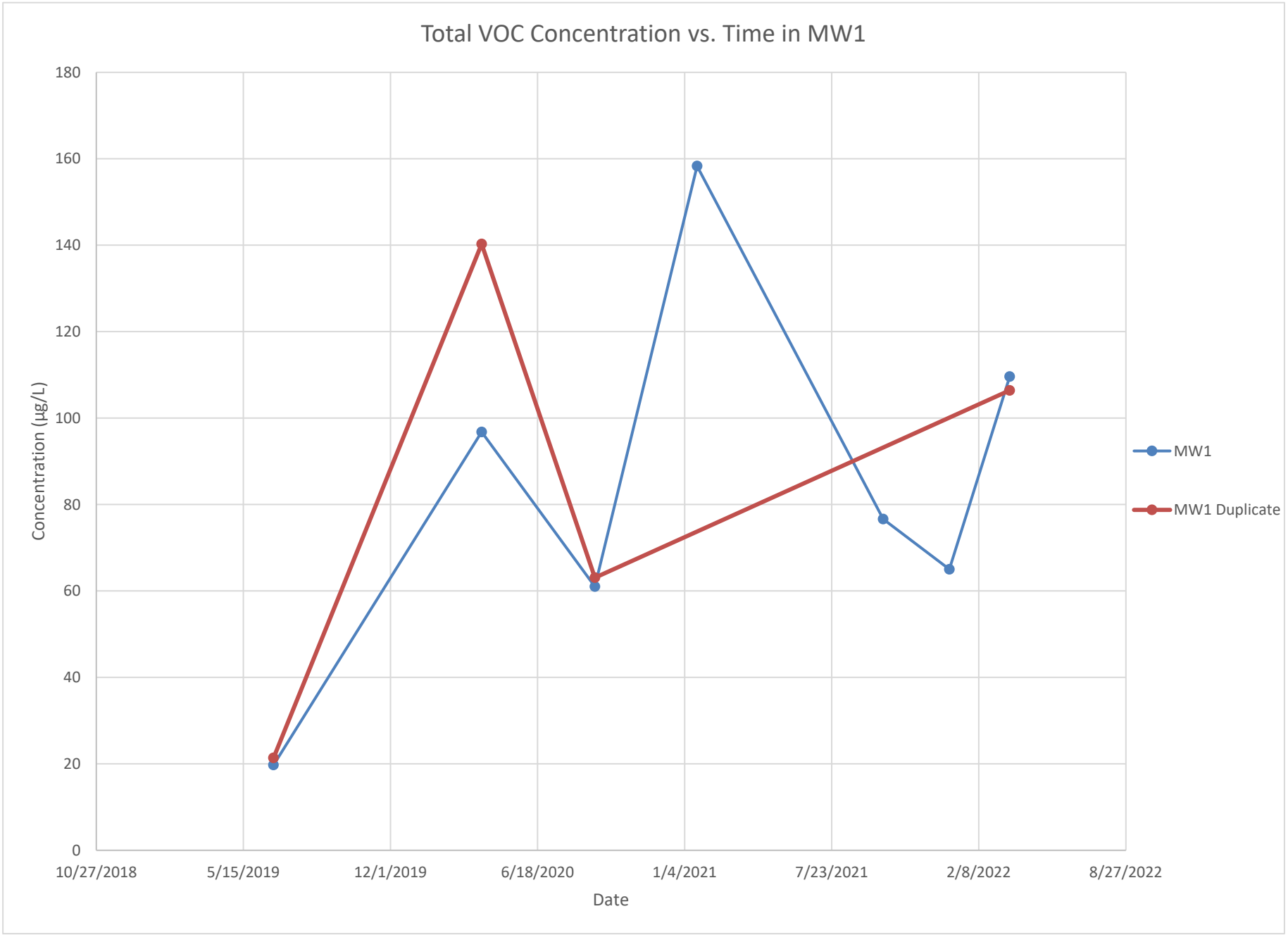
EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: Former NY Cleaning and Dyeing Site

Site Address: 376-378 FLUSHING AVENUE, BROOKLYN, NY 202

Drawing Title: Site Plan


Total VOC Concentration vs. Time in MW1
Concentration (µg/L)
180
160
140
120
100
80
60
40
20
0
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date
MW1
MW1 Duplicate

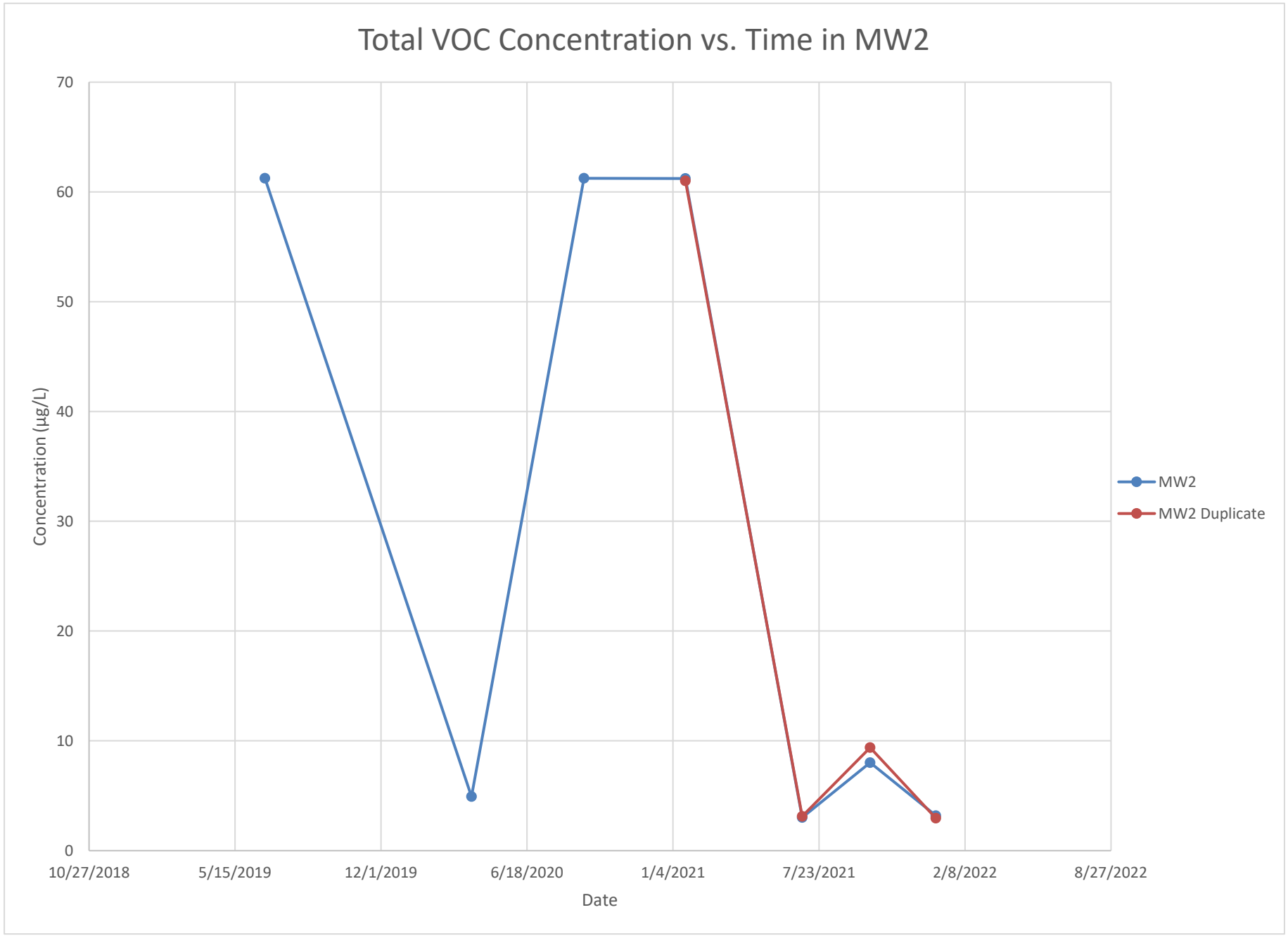

Total VOC Concentration vs. Time in MW2
70
60
50
40
30
20
10
0
Concentration (µg/L)
10/27/2018
5/15/2019
12/1/2019
6/18/2020
1/4/2021
7/23/2021
2/8/2022
8/27/2022
Date
MW2
MW2 Duplicate

Table 1
376 Flushing Avenue
Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	W5 Historical Da		6/25/2019						4/3/2020					
		GW5		MW1		MW2		Duplicate (MW1)		MW1		MW2		Duplicate (MW1)	
		1/17/2017		6/25/2019		6/25/2019		6/25/2019		4/3/2020		4/3/2020		4/3/2020	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 25	**25**	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 25	**25**	< 1.0	1.0	< 1.0	1.0	**1.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 25	**25**	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 25	**25**	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**7,900**	**25**	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 50	**50**	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 25	**25**	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		< 25	**25**	**0.39**	1.0	< 1.0	1.0	**0.42**	1.0	**0.45**	1.0	< 1.0	1.0	**0.56**	1.0
1,2-Dichloroethane	0.6	< 50	**50**	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**2,600**	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 25	**25**	**0.45**	1.0	< 1.0	1.0	**0.45**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		-	**-**	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		-	**-**	**0.56**	0.20	**0.65**	0.20	**0.58**	0.20	-	-	-	-	-	-
2,2-Dichloropropane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 250	**250**	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**690**	**25**	**4.2**	1.0	**1.4**	1.0	**4.2**	1.0	**12**	1.0	< 1.0	1.0	**18**	1.0
4-Chlorotoluene	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 250	**250**	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 250	**250**	< 5.0	5.0	**8.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 250	**250**	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 250	**250**	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 25	**25**	**0.62**	0.70	**1.8**	0.70	**0.58**	0.70	**0.45**	0.70	**0.36**	0.70	**0.56**	0.70
Bromobenzene	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**120**	**25**	< 5.0	5.0	**0.51**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.63**	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 25	**25**	**0.47**	5.0	< 5.0	5.0	**0.48**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 25	**25**	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 25	**25**	< 5.0	5.0	**16**	5.0	< 5.0	5.0	**0.36**	5.0	< 5.0	5.0	**0.46**	5.0
Chloromethane	5	< 25	**25**	**0.26**	5.0	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 25	**25**	< 1.0	1.0	**0.82**	1.0	< 1.0	1.0	< 1.0	1.0	**0.47**	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	0.4	< 25	**25**	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**890**	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 20	**20**	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1,200**	**25**	**3**	1.0	**2.3**	1.0	**3**	1.0	**24**	1.0	< 1.0	1.0	**33**	1.0
m&p-Xylenes		**2,000**	100	< 1.0	1.0	**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 250	**250**	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	**5**	2.5
Methyl t-butyl ether (MTBE)		< 100	100	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.83**	1.0	< 1.0	1.0
Methylene chloride	5	< 100	**100**	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1,100**	**100**	< 1.0	1.0	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**3,400**	**25**	**0.28**	1.0	**1**	1.0	**0.31**	1.0	**2.1**	1.0	< 1.0	1.0	**3.3**	1.0
n-Propylbenzene	5	**2,600**	**25**	**0.49**	1.0	**2.8**	1.0	**0.54**	1.0	**14**	1.0	< 1.0	1.0	**19**	1.0
o-Xylene	5	**390**	**25**	< 1.0	1.0	**0.31**	1.0	< 1.0	1.0	**0.34**	1.0	< 1.0	1.0	**0.5**	1.0
p-Isopropyltoluene	5	**860**	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**2,600**	**25**	**4.8**	1.0	**3.5**	1.0	**5**	1.0	**27**	1.0	< 1.0	1.0	**38**	1.0
Styrene	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		-	**-**	< 50	50	< 50	50	< 50	50	**11**	50	< 50	50	**15**	50
tert-Butylbenzene	5	**220**	**25**	**4.2**	1.0	**0.62**	1.0	**4.3**	1.0	**4.8**	1.0	**0.26**	1.0	**6.9**	1.0
Tetrachloroethene	5	< 25	**25**	< 1.0	1.0	**1.1**	1.0	< 1.0	1.0	< 1.0	1.0	**0.97**	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 250	**250**	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 25	**25**	< 1.0	1.0	**0.47**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 25	**25**	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 25	**25**	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 250	**250**	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 25	**25**	< 1.0	1.0	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	**1.4**	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 25	**25**	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**26570**		**19.72**		**61.24**		**21.36**		**96.78**		**4.92**		**140.28**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 1
376 Flushing Avenue
Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	9/4/2020						Q1 2021						Q2 2021			
		MW1		MW2		Duplicate (MW1)		MW1		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)	
		9/4/2020		9/4/2020		9/4/2020		1/21/2021		1/21/2021		1/21/2021		6/30/2021		6/30/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		**0.39**	1.0	< 1.0	1.0	**0.42**	1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 4.7	4.7	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		**0.29**	1.0	< 1.0	1.0	**0.31**	1.0	< 5.0	5.0	**0.32**	1.0	**0.37**	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 500	500	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**9.7**	1.0	< 1.0	1.0	**11**	1.0	**13**	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**1.5**	0.70	**0.66**	0.70	**1.5**	0.70	< 0.70	0.70	**1.1**	0.70	**0.75**	0.70	**0.38**	0.70	**0.37**	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	**0.49**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	**0.27**	5.0	**0.44**	5.0	**0.27**	5.0	< 5.0	5.0	**1.6**	5.0	**1.8**	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**5.5**	7.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	**1.1**	1.0	< 1.0	1.0	< 5.0	5.0	**0.56**	1.0	**0.51**	1.0	**0.45**	1.0	**0.47**	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**17**	1.0	< 1.0	1.0	**17**	1.0	**37**	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes		**0.3**	1.0	< 1.0	1.0	**0.27**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		**0.26**	1.0	**29**	2.0	< 1.0	1.0	< 5.0	5.0	**3.3**	1.0	**3.3**	1.0	**0.29**	1.0	**0.37**	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**1.7**	1.0	< 1.0	1.0	**1.7**	1.0	**2.3**	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**11**	1.0	< 1.0	1.0	**11**	1.0	**60**	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**14**	1.0	< 1.0	1.0	**15**	1.0	**36**	5.0	**0.53**	1.0	**0.57**	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	**25**	50	< 50	50	< 250	250	**50**	50	**47**	50	< 50	50	< 50	50
tert-Butylbenzene	5	**4.6**	1.0	**0.47**	1.0	**4.6**	1.0	**4.5**	5.0	**2**	1.0	**2.2**	1.0	**0.77**	1.0	**0.76**	1.0
Tetrachloroethene	5	< 1.0	1.0	**1.1**	1.0	< 1.0	1.0	< 5.0	5.0	**0.81**	1.0	**0.81**	1.0	**0.35**	1.0	**0.38**	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	**2.6**	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	**2**	1.0	< 1.0	1.0	< 5.0	5.0	**1**	1.0	**1.1**	1.0	**0.77**	1.0	**0.77**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**61.01**		**61.24**		**63.07**		**158.3**		**61.22**		**61.01**		**3.01**		**3.12**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 1
376 Flushing Avenue
Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	Q3 2021						Q4 2021						Q1 2022			
		MW1		MW2		Duplicate (MW2)		MW1*		MW2		Duplicate (MW2)		MW1		Duplicate (MW1)	
		10/1/2021		10/1/2021		10/1/2021		12/30/2021		12/30/2021		12/30/2021		3/22/2022		3/22/2022	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2,3-Trichloropropane	0.04	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.50	0.50	< 0.50	0.50
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**	< 1.0	1.0	< 1.0	1.0
1,2-Dibromoethane	0.0006	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.50	0.50	< 0.50	0.50
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 200	200	< 200	200
1,4-Dioxane by SW8270DSIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	5	**11**	1.0	< 1.0	1.0	< 1.0	1.0	**9.3**	1.0	< 1.0	1.0	< 1.0	1.0	**13**	2.0	**13**	2.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 10	10	< 10	10
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 0.70	0.70	< 0.70	0.70	**0.25**	0.70	< 0.70	0.70	**0.45**	0.70	**0.43**	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 10	10	< 10	10
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 7.0	7.0	< 7.0	7.0
Chloromethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	**0.58**	1.0	**0.63**	1.0	< 1.0	1.0	**0.65**	1.0	**0.6**	1.0	< 2.0	2.0	< 2.0	2.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 0.50	0.50
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**22**	1.0	**0.33**	1.0	**0.41**	1.0	**21**	1.0	< 1.0	1.0	< 1.0	1.0	**34**	2.0	**32**	2.0
m&p-Xylenes		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)		< 1.0	1.0	**0.52**	1.0	**0.57**	1.0	< 1.0	1.0	**0.26**	1.0	**0.27**	1.0	< 2.0	2.0	< 2.0	2.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 5.0	5.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
n-Butylbenzene	5	**1.3**	1.0	< 1.0	1.0	< 1.0	1.0	**0.51**	1.0	< 1.0	1.0	< 1.0	1.0	**1.1**	2.0	**1**	2.0
n-Propylbenzene	5	**21**	1.0	< 1.0	1.0	**0.28**	1.0	**15**	1.0	< 1.0	1.0	< 1.0	1.0	**33**	2.0	**32**	2.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
sec-Butylbenzene	5	**17**	1.0	**0.29**	1.0	**0.37**	1.0	**16**	1.0	< 1.0	1.0	< 1.0	1.0	**24**	2.0	**24**	2.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Tert-butyl alcohol		< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 100	100	< 100	100
tert-Butylbenzene	5	**3.8**	1.0	**0.59**	1.0	**0.63**	1.0	**3.2**	1.0	**0.9**	1.0	**0.84**	1.0	**4.5**	2.0	**4.4**	2.0
Tetrachloroethene	5	< 1.0	1.0	**0.5**	1.0	**0.54**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	**3.9**	5.0	**4.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 10	10	< 10	10
Toluene	5	**0.52**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 0.50	0.50
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
Trichloroethene	5	< 1.0	1.0	**1.3**	1.0	**1.3**	1.0	< 1.0	1.0	**0.92**	1.0	**0.81**	1.0	< 2.0	2.0	< 2.0	2.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Total VOCs		**76.62**		**8.01**		**9.38**		**65.01**		**3.18**		**2.95**		**109.6**		**106.4**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 2
376 Flushing Avenue
Brooklyn, New York
MW-1 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019				4/3/2020				9/4/2020			
		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)	
		6/25/2019		6/25/2019		4/3/2020		4/3/2020		9/4/2020		9/4/2020	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	**1.5**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		**0.39**	1.0	**0.42**	1.0	**0.45**	1.0	**0.56**	1.0	**0.39**	1.0	**0.42**	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		**0.45**	1.0	**0.45**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	**0.31**	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		**0.56**	0.20	**0.58**	0.20	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**4.2**	1.0	**4.2**	1.0	**12**	1.0	**18**	1.0	**9.7**	1.0	**11**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**0.62**	0.70	**0.58**	0.70	**0.45**	0.70	**0.56**	0.70	**1.5**	0.70	**1.5**	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	**0.47**	5.0	**0.48**	5.0	< 5.0	5.0	< 5.0	5.0	**0.27**	5.0	**0.27**	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	**0.36**	5.0	**0.46**	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	**0.26**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**3**	1.0	**3**	1.0	**24**	1.0	**33**	1.0	**17**	1.0	**17**	1.0
m&p-Xylenes		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	**0.27**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	**5**	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.26**	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**0.28**	1.0	**0.31**	1.0	**2.1**	1.0	**3.3**	1.0	**1.7**	1.0	**1.7**	1.0
n-Propylbenzene	5	**0.49**	1.0	**0.54**	1.0	**14**	1.0	**19**	1.0	**11**	1.0	**11**	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	**0.34**	1.0	**0.5**	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**4.8**	1.0	**5**	1.0	**27**	1.0	**38**	1.0	**14**	1.0	**15**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	**11**	50	**15**	50	< 50	50	< 50	50
tert-Butylbenzene	5	**4.2**	1.0	**4.3**	1.0	**4.8**	1.0	**6.9**	1.0	**4.6**	1.0	**4.6**	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**19.72**		**21.36**		**96.78**		**140.28**		**61.01**		**63.07**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

*First Quarterly (Q1) Sample for MW-1

Table 2
376 Flushing Avenue
Brooklyn, New York
MW-1 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	Q1 2021		Q3 2021		Q4 2021		Q1 2022			
		MW1		MW1*		MW1*		MW1		Duplicate (MW1)	
		1/21/2021		10/1/2021		12/30/2021		3/22/2022		3/22/2022	
		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,1-Dichloropropene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2,3-Trichlorobenzene		< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	**0.25**	< 0.25	**0.25**	< 0.50	0.50	< 0.50	0.50
1,2,4-Trichlorobenzene		< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2,4-Trimethylbenzene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	**0.50**	< 0.50	**0.50**	< 1.0	1.0	< 1.0	1.0
1,2-Dibromoethane	0.0006	< 1.3	1.3	< 0.25	**0.25**	< 0.25	**0.25**	< 0.50	0.50	< 0.50	0.50
1,2-Dichlorobenzene		< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,2-Dichloroethane	0.6	< 4.7	4.7	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0
1,2-Dichloropropane	1	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,3-Dichlorobenzene	3	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,3-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,4-Dichlorobenzene		< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
1,4-Dioxane by SW8260C		< 500	500	< 100	100	< 100	100	< 200	200	< 200	200
1,4-Dioxane by SW8270DSIM		-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
2-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
2-Hexanone (Methyl Butyl Ketone)	50	< 13	13	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	5	**13**	5.0	**11**	1.0	**9.3**	1.0	**13**	2.0	**13**	2.0
4-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
4-Methyl-2-Pentanone		< 13	13	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
Acetone	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 10	10	< 10	10
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Bromochloromethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Bromodichloromethane	50	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Bromoform	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 10	10	< 10	10
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Carbon tetrachloride	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**5.5**	7.0	< 5.0	5.0	< 5.0	5.0	< 7.0	7.0	< 7.0	7.0
Chloromethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 0.50	0.50
Dibromochloromethane	50	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Dibromomethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Ethylbenzene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**37**	5.0	**22**	1.0	**21**	1.0	**34**	2.0	**32**	2.0
m&p-Xylenes		< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Methyl Ethyl Ketone (2-Butanone)	50	< 13	13	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)		< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Methylene chloride	5	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 5.0	5.0
Naphthalene	10	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
n-Butylbenzene	5	**2.3**	5.0	**1.3**	1.0	**0.51**	1.0	**1.1**	2.0	**1**	2.0
n-Propylbenzene	5	**60**	5.0	**21**	1.0	**15**	1.0	**33**	2.0	**32**	2.0
o-Xylene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
p-Isopropyltoluene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
sec-Butylbenzene	5	**36**	5.0	**17**	1.0	**16**	1.0	**24**	2.0	**24**	2.0
Styrene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Tert-butyl alcohol		< 250	250	< 50	50	< 50	50	< 100	100	< 100	100
tert-Butylbenzene	5	**4.5**	5.0	**3.8**	1.0	**3.2**	1.0	**4.5**	2.0	**4.4**	2.0
Tetrachloroethene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Tetrahydrofuran (THF)	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 10	10	< 10	10
Toluene	5	< 5.0	5.0	**0.52**	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 0.50	0.50
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0
Trichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Trichlorofluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Trichlorotrifluoroethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Vinyl Chloride	2	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 2.0	2.0
Total VOCs		**158.3**		**76.62**		**65.01**		**109.6**		**106.4**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

*First Quarterly (Q1) Sample for MW-1

Table 3
376 Flushing Avenue
Brooklyn, New York
MW-2 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	6/25/2019		4/3/2020		9/4/2020		Q1 2021				Q2 2021			
		MW2		MW2		MW2		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)	
		6/25/2019		4/3/2020		9/4/2020		1/21/2021		1/21/2021		6/30/2021		6/30/2021	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.25	0.25	< 0.25	0.25	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0	**0.37**	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		**0.65**	0.20	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	**8.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**1.8**	0.70	**0.36**	0.70	**0.66**	0.70	**1.1**	0.70	**0.75**	0.70	**0.38**	0.70	**0.37**	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	**0.51**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	**0.63**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	**0.44**	5.0	**1.6**	5.0	**1.8**	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	**16**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	**0.82**	1.0	**0.47**	1.0	**1.1**	1.0	**0.56**	1.0	**0.51**	1.0	**0.45**	1.0	**0.47**	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**2.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes		**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	**0.83**	1.0	**29**	2.0	**3.3**	1.0	**3.3**	1.0	**0.29**	1.0	**0.37**	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**1**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**2.8**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**3.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.53**	1.0	**0.57**	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	**25**	50	**50**	50	**47**	50	< 50	50	< 50	50
tert-Butylbenzene	5	**0.62**	1.0	**0.26**	1.0	**0.47**	1.0	**2**	1.0	**2.2**	1.0	**0.77**	1.0	**0.76**	1.0
Tetrachloroethene	5	**1.1**	1.0	**0.97**	1.0	**1.1**	1.0	**0.81**	1.0	**0.81**	1.0	**0.35**	1.0	**0.38**	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**2.6**	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	**0.47**	1.0	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	**1.4**	1.0	**1.4**	1.0	**2**	1.0	**1**	1.0	**1.1**	1.0	**0.77**	1.0	**0.77**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**61.24**		**4.92**		**61.24**		**61.22**		**61.01**		**3.01**		**3.12**	

Notes:
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 3
376 Flushing Avenue
Brooklyn, New York
MW-2 Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	Q3 2021				Q4 2021			
		MW2		Duplicate (MW2)		MW2		Duplicate (MW2)	
		10/1/2021		10/1/2021		12/30/2021		12/30/2021	
		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**	< 0.50	**0.50**
1,2-Dibromoethane	0.0006	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**	< 0.25	**0.25**
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dioxane by SW8260C		< 100	100	< 100	100	< 100	100	< 100	100
1,4-Dioxane by SW8270DSIM		-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 0.70	0.70	**0.25**	0.70	**0.45**	0.70	**0.43**	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	**0.58**	1.0	**0.63**	1.0	**0.65**	1.0	**0.6**	1.0
cis-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**0.33**	1.0	**0.41**	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		**0.52**	1.0	**0.57**	1.0	**0.26**	1.0	**0.27**	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**0.29**	1.0	**0.37**	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tert-butyl alcohol		< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	**0.59**	1.0	**0.63**	1.0	**0.9**	1.0	**0.84**	1.0
Tetrachloroethene	5	**0.5**	1.0	**0.54**	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	**3.9**	5.0	**4.4**	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	**1.3**	1.0	**1.3**	1.0	**0.92**	1.0	**0.81**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total VOCs		**8.01**		**9.38**		**3.18**		**2.95**	

Notes:

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Total VOCs Results

	MW1						
	6/25/2019	4/3/2020	9/4/2020	1/21/2021	10/1/2021	12/30/2021	3/22/2022
Total VOCs	19.72	96.78	61.01	158.3	76.62	65.01	109.6

	MW 1 Dup			
	6/25/2019	4/3/2020	9/4/2020	3/22/2022
Total VOCs	21.36	140.28	63.07	106.4

	MW2						
	6/25/2019	4/3/2020	9/4/2020	1/21/2021	6/30/2021	10/1/2021	12/30/2021
Total VOCs	61.24	4.92	61.24	61.22	3.01	8.01	3.18

	MW 2 Dup			
	1/21/2021	6/30/2021	10/1/2021	12/30/2021
Total VOCs	61.01	3.12	9.38	2.95

Attachment A:
Purge Logs for March 22, 2022 Sampling Event

GROUNDWATER PURGE / SAMPLE LOGS

376 Flushing Avenue Brooklyn

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Well Depth (from TOC): 20

Static Water Level (from TOC): 9.13

Height of Water in Well: 10.87

Gallons of Water per Well Volume: 1.81

Flow Rate: 400ml/min.

Date: 3-22-22

Equipment: Peristaltic Pump, U-52 Horiba

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
9:48	400 ml/min	0	7.59	10.8	12.46	4.71	-174	177	6.71	clear
9:53		0.55	7.35	10.5	12.30	2.58	-182	120	6.51	clear
9:58		1.1	7.39	10.1	12.23	1.95	-187	89.8	6.29	clear
10:03		1.65	7.42	9.68	12.23	1.68	-190	66.0	6.04	clear
10:08		2.2	7.43	9.40	12.22	1.58	-191	46.5	5.91	clear
10:13		2.75	7.44	9.09	12.21	0.92	-192	38.5	5.72	clear
10:18		3.3	7.46	8.79	12.23	0.78	-192	28.9	5.52	clear
10:23		3.85	7.45	8.59	12.21	0.92	-191	28.1	5.40	clear
10:28		4.4	7.46	8.35	12.24	0.58	-192	25.0	5.25	clear
10:33		4.95	7.47	8.10	12.27	0.54	-192	21.3	5.10	clear.
10:38	↓	5.5	7.48	7.93	12.28	0.60	-193	20.5	4.99	collected sample.
10:43										

Note 400 ml = 0.11 gallons

Attachment B:
March 22, 2022 Sampling Laboratory Report

PHOENIX
Environmental Laboratories, Inc.

Tuesday, March 29, 2022

Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: **376 FLUSHING AVENUE BROOKLYN**
SDG ID: **GCK93217**
Sample ID#s: CK93217 - CK93219

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

March 29, 2022

SDG I.D.: GCK93217

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

1,4-dioxane:
1,4-dioxane does not meet GW criteria, this compound is analyzed by GC/MS method 522 or 8270SIM when this criteria needs to be met.

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

March 29, 2022

SDG I.D.: GCK93217

Project ID: 376 FLUSHING AVENUE BROOKLYN

Client Id	Lab Id	Matrix
MW1	CK93217	GROUND WATER
GW DUPLICATE	CK93218	GROUND WATER
TRIP BLANKS	CK93219	GROUND WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 29, 2022

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	03/22/22	10:38
Location Code:	EBC	Received by:	CP	03/23/22	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK93217
Phoenix ID: CK93217

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					03/25/22			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	1.0	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dichloroethane	ND	1.0	1.0	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
2-Hexanone	ND	5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
2-Isopropyltoluene	13	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	1
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: MW1

Phoenix I.D.: CK93217

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Acetone	ND		10	5.0	ug/L	2	03/25/22	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Benzene	ND		0.70	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Ethylbenzene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	03/25/22	MH	SW8260C	
Isopropylbenzene	34		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
m&p-Xylene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	03/25/22	MH	SW8260C	
Naphthalene	ND		2.0	2.0	ug/L	2	03/25/22	MH	SW8260C	
n-Butylbenzene	1.1	J	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
n-Propylbenzene	33		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
o-Xylene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
p-Isopropyltoluene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
sec-Butylbenzene	24		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
tert-Butylbenzene	4.5		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	03/25/22	MH	SW8260C	1
Toluene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	97				%	2	03/25/22	MH	70 - 130 %	
% Bromofluorobenzene (2x)	94				%	2	03/25/22	MH	70 - 130 %	

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: MW1

Phoenix I.D.: CK93217

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane (2x)	88			%	2	03/25/22	MH	70 - 130 %
% Toluene-d8 (2x)	100			%	2	03/25/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	200	100	ug/l	2	03/25/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	03/25/22	MH	SW8260C
Acrylonitrile	ND	5.0	0.50	ug/L	2	03/25/22	MH	SW8260C
Tert-butyl alcohol	ND	100	20	ug/L	2	03/25/22	MH	SW8260C

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

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

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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

Phyllis Shiller, Laboratory Director

March 29, 2022

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 29, 2022

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	03/22/22	
Location Code:	EBC	Received by:	CP	03/23/22	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK93217
Phoenix ID: CK93218

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: GW DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	1.0	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dichloroethane	ND	1.0	1.0	ug/L	2	03/25/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
2-Hexanone	ND	5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
2-Isopropyltoluene	13	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	1
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: GW DUPLICATE

Phoenix I.D.: CK93218

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		10	5.0	ug/L	2	03/25/22	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Benzene	ND		0.70	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	03/25/22	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Ethylbenzene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	03/25/22	MH	SW8260C	
Isopropylbenzene	32		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
m&p-Xylene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	03/25/22	MH	SW8260C	
Naphthalene	ND		2.0	2.0	ug/L	2	03/25/22	MH	SW8260C	
n-Butylbenzene	1.0	J	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
n-Propylbenzene	32		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
o-Xylene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
p-Isopropyltoluene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
sec-Butylbenzene	24		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
tert-Butylbenzene	4.4		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	03/25/22	MH	SW8260C	1
Toluene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	03/25/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	03/25/22	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	03/25/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	101				%	2	03/25/22	MH	70 - 130 %	
% Bromofluorobenzene (2x)	105				%	2	03/25/22	MH	70 - 130 %	
% Dibromofluoromethane (2x)	101				%	2	03/25/22	MH	70 - 130 %	

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: GW DUPLICATE

Phoenix I.D.: CK93218

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	101			%	2	03/25/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	200	100	ug/l	2	03/25/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	03/25/22	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	03/25/22	MH	SW8260C
Acrylonitrile	ND	5.0	0.50	ug/L	2	03/25/22	MH	SW8260C
Tert-butyl alcohol	ND	100	20	ug/L	2	03/25/22	MH	SW8260C

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

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

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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

Phyllis Shiller, Laboratory Director
March 29, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 29, 2022

FOR: Attn:
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	03/22/22	
Location Code:	EBC	Received by:	CP	03/23/22	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK93217
Phoenix ID: CK93219

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: TRIP BLANKS

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	03/24/22	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	03/24/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	03/24/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	03/24/22	MH	SW8260C	

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: TRIP BLANKS

Phoenix I.D.: CK93219

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	03/24/22	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	03/24/22	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	03/24/22	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	03/24/22	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/24/22	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	03/24/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	03/24/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	03/24/22	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	03/24/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	03/24/22	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/24/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	03/24/22	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	03/24/22	MH	70 - 130 %	
% Bromofluorobenzene	91			%	1	03/24/22	MH	70 - 130 %	
% Dibromofluoromethane	81			%	1	03/24/22	MH	70 - 130 %	

Project ID: 376 FLUSHING AVENUE BROOKLYN
Client ID: TRIP BLANKS

Phoenix I.D.: CK93219

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	03/24/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	03/24/22	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	03/24/22	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	03/24/22	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	03/24/22	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	03/24/22	MH	SW8260C

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

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

Comments:

TRIP BLANK INCLUDED.

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
March 29, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Tuesday, March 29, 2022

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCK93217 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK93217	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CK93217	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CK93217	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CK93217	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	13	2.0	5	5	ug/L
CK93217	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CK93217	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	34	2.0	5	5	ug/L
CK93217	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	33	2.0	5	5	ug/L
CK93217	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	24	2.0	5	5	ug/L
CK93217	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CK93217	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CK93218	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CK93218	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CK93218	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CK93218	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	13	2.0	5	5	ug/L
CK93218	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CK93218	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	32	2.0	5	5	ug/L
CK93218	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	32	2.0	5	5	ug/L
CK93218	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	24	2.0	5	5	ug/L
CK93218	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CK93218	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CK93219	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CK93219	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CK93219	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

March 29, 2022

SDG I.D.: GCK93217

The samples in this delivery group were received at 1.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [x] No [ ]
Coolant: IPK [x] ICE [ ] No [ ]

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 1.1 °C Pg 1 of 1

Contact Options:
[ ] Fax:
[ ] Phone: 631-504-6000
[x] Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 376 Flushing Avenue Brooklyn
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Thomas Gallo Date: 3-22-22

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
93217	MW1	GW	3-22	10:38	X				9						
93218	GW Duplicate	GW	3-22		X				3						
93219	Tripblanks				X				2						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	3.23.22	14.87
[signature]	[signature]	3/23	1730

Comments, Special Requirements or Regulations:

RUSH MS/MSD on MW1

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[x] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[x] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[x] Excel
[x] PDF
[ ] GIS/Key
[x] EQuIS
[ ] NJ Hazsite EDD
[x] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[x] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

PEL 164 REV. 5/2020

APPENDIX C
Groundwater Monitoring Response Letter from Department of Conservation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

February 10, 2022

Zelig Weiss
Rose Castle Redevelopment II LLC
Flushing & Little Nassau LLC
266 Broadway, Suite 301
Brooklyn, NY 11211

RE: Former NY Cleaning and Dyeing Site
376-378 Flushing Avenue, Brooklyn, Kings County
Brownfield Cleanup Program # C224264
Groundwater Monitoring Response

Dear Mr. Weiss:

The New York State Department of Environmental Conservation (the Department) has reviewed the "SMP Monitoring Well Q4 2021 Groundwater Sampling Results" letter dated January 12, 2022, which was prepared by AMC Engineering PLLC on behalf of Rose Castle Redevelopment II LLC (the Volunteer). The letter requests to discontinue future groundwater monitoring at the site.

The approved Site Management Plan (SMP) dated December 2020 requires quarterly groundwater samples "until otherwise approved by the NYSDEC". In accordance with DER-10 section 6.2.2(c)(4)(ii), quarterly sampling is generally required "for a minimum of eight quarters, including…at least one well or well cluster located downgradient of the source area…" In this case, you have completed four quarterly sampling events on MW-2, but only two quarterly events on properly re-installed MW-1. The Department will consider cessation of monitoring for MW-1 following completion of at least 2 additional quarterly monitoring events (first and second quarters of 2022). Following submittal of those monitoring results the Department will assess whether further monitoring is required.

Cessation for groundwater monitoring at MW-2 is approved. In accordance with the SMP, MW-2 must be properly decommissioned in accordance with NYSDEC CP-43.

Should you have any questions regarding this letter or any other aspect of the project, please contact me at 718-482-7541 or wendi.zheng@dec.ny.gov.

Sincerely,

Wendi Zheng

Wendi Zheng
Project Manager

ec: J. O'Connell, G. Nam – NYSDEC
S. McLaughlin, K. Kulow – NYSDOH
A. Czemerinski – AMC Engineering PLLC
J. Brooks – Freeborn & Peters LLP