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. **C203039**

Site Name Former Dico G Auto and Truck Repair

Site Address: 3005-3011 White Plains Road Zip Code: 10467
City/Town: Bronx
County: Bronx
Site Acreage: 0.390

Reporting Period: May 31, 2019 to ~~May 31,~~ June 30 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?	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C203039 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
4545-1001	~~3035 White Plains Housing Deve Fund Corp~~ 3035 White Plains Retail LLC	Site Management Plan Landuse Restriction Ground Water Use Restriction
4545-1002	3035 White Plains Housing Deve Fund Corp	Ground Water Use Restriction Site Management Plan Landuse Restriction

Box 4

Description of Engineering Controls

Parcel	Engineering Control
4545-1001	Vapor Mitigation Cover System

~~The engineering controls on this Site include the vapor barrier, sub-slab depressurization system (SSDS), LPH recovery, and chemical oxidant treatment.~~

The vapor barrier will be maintained and repaired if any penetrations through the slab are needed for future construction.

~~The SSDS will be operated, inspected, maintained, and certified for a minimum of 5 years. The active SSDS will be continued until otherwise determined by NYSDEC and NYSDOH~~.

LPH removal will continue on a monthly basis, as necessary, using vacuum enhanced fluid recovery (VEFR) events. VEFR events will be performed on a monthly basis on all monitoring wells which contain 0.1 foot or more of LPH. The decision to perform VEFR events will be based on monitoring results and will be made in concurrence with the NYSDEC Project Manager.

Chemical oxidant treatment will continue as needed to achieve further significant reduction of VOCs in groundwater at the site. The decision to perform subsequent oxidant applications will be based on performance sampling results and will be made in concurrence with the NYSDEC project manager.

4545-1002	Vapor Mitigation Cover System

Parcel	Engineering Control

~~The engineering controls on this Site include the vapor barrier, sub-slab depressurization system (SSDS), LPH recovery, and chemical oxidant treatment~~.

The vapor barrier will be maintained and repaired if any penetrations through the slab are needed for future construction.

~~The SSDS will be operated, inspected, maintained, and certified for a minimum of 5 years. The active SSDS will be continued until otherwise determined by NYSDEC and NYSDOH~~.

LPH removal will continue on a monthly basis, as necessary, using vacuum enhanced fluid recovery (VEFR) events. VEFR events will be performed on a monthly basis on all monitoring wells which contain 0.1 foot or more of LPH. The decision to perform VEFR events will be based on monitoring results and will be made in concurrence with the NYSDEC Project Manager.

Chemical oxidant treatment will continue as needed to achieve further significant reduction of VOCs in groundwater at the site. The decision to perform subsequent oxidant applications will be based on performance sampling results and will be made in concurrence with the NYSDEC project manager.

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. C203039

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 Alex Arker at 1044 Northern Blvd, 2nd Floor, Roslyn, NY 11576,
print name — print business address

am certifying as Owner (Owner or Remedial Party)

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

For Lot 1001(3035 White Plains Retail LLC) 7/25/2022
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

IC CERTIFICATIONS
SITE NO. C203039

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 Alex Arker at 132 Ralph Ave, Brooklyn, NY,
print name print business address

am certifying as Owner (Owner or Remedial Party)

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

For Lot 1002(3035 White Plains Housing Dev. Corp) 7/25/2022
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Ariel Czemerinski at 18-36 42nd Street, Astoria, NY 11105,
print name — print business address

am certifying as a Professional Engineer for the Owner (Lot 1001)
(Owner or Remedial Party)

STATE OF NEW YORK ★ ARIEL CZEMERINSKI ★ 076508 ★ LICENSED PROFESSIONAL ENGINEER

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	07/26/2022 Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Ariel Czemerinski at 18-36 42nd Street, Astoria, NY 11105,
print name — print business address

am certifying as a Professional Engineer for the Owner (Lot 1002)
(Owner or Remedial Party)

STATE OF NEW YORK ★ ARIEL CZEMERINSKI ★ 076508 ★ LICENSED PROFESSIONAL ENGINEER

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification — Stamp (Required for PE) — 07/26/2022 Date

FORMER DICO G AUTO & TRUCK REPAIR

3035 WHITE PLAINS ROAD, BRONX, NEW YORK

PERIODIC REVIEW REPORT

NYSDEC BCP Number: C203039

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
Phone: (718) 545-0474

REPORTING PERIOD:
MAY 2019 – JUNE 2022

TABLE OF CONTENTS
PERIODIC REVIEW REPORT
3035 White Plains Road, Bronx, New York

I EXECUTIVE SUMMARY 1

II SITE OVERVIEW 2
- A. Site Location 2
- B. Site Chronology 2

III REMEDY PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS 4

IV IC/EC PLAN COMPLIANCE REPORT 10
- A. IC Requirements and Compliance 10
  - *1. IC Controls* 10
  - *2. Status of Each IC* 11
  - *3. Corrective Measures* 11
  - *4. IC Conclusions and Recomendations* 11
- B. EC Requirements and Compliance 11
  - *1. EC Controls* 11
  - *2. Status of Each EC* 12
  - *3. Corrective Measures* 13
  - *4. EC Conclusions and Recomendations* 13
- C. IC/EC Certification 13

V. MONITORING PLAN COMPLIANCE REPORT 14
- A. Components of the Monitoring Plan 17
- B. Summary of Monitoring Completed During Reporting Period 17
- C. Comparisons with Remedial Objectives 17
- D. Monitoring Deficiencies 18
- E. Conclusions and Recommendations 18

VI. OPERATIONS & MAINTENANCE PLAN COMPLIANCE REPORT 16
- A. Components of the O&M Plan 16
  - *1. Sub-Slab Vapor Barrier* 16
  - *2. Sub-Slab Depressurization System* 16
  - *3. Monitoring Well Maintenance* 16
  - *4. Reporting* 16
  - *5. Contingency Plan* 17
- B. Summary of O&M Completed During Reporting Period 17
  - *1. Sub-Slab Depressurization System* 17
- C. Evaluation of Remedial Systems 17
  - *1. Sub-Slab Depressurization System* 17
- D. O&M Deficiencies 17
- E. Conclusions and Recommendations for Improvements 17

VII. OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS 18
- A. Compliance with SMP 18
- B. Performance and Effectiveness of Remedy 18
- C. Future PRR Submittals 18

PERIODIC REVIEW REPORT
3035 White Plains Road, Bronx, New York

TABLES

Table 1 Groundwater Elevation
Table 2 2Q22 Sample Results
Table 3 Volatile Organic Compounds IRMW-7
Table 4 Volatile Organic Compounds IRMW-10
Table 5 Volatile Organic Compounds IRMW-11
Table 6 Volatile Organic Compounds IRMW-13
Table 7 Volatile Organic Compounds IRMW-14

FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Groundwater Elevation Map – June 2022
Figure 4 Monitoring Well Sampling Results from June 30, 2022

GRAPHS

Graph 1 PVOC and BTEX Concentrations vs Time - IRMW-7
Graph 2 PVOC and BTEX Concentrations vs Time - IRMW-10
Graph 3 PVOC and BTEX Concentrations vs Time - IRMW-11
Graph 4 PVOC and BTEX Concentrations vs Time - IRMW-13
Graph 5 PVOC and BTEX Concentrations vs Time - IRMW-14

APPENDICES

Appendix A Well Purging / Field Water Quality Measurements Form
Appendix B Quarterly Laboratory Reports
Appendix C Checklist / PRR Forms
Appendix D Deed

I. EXCECUTIVE SUMMARY

AMC Engineering PLLC (AMC) has prepared the following Periodic Review Report for May 31, 2019 to June 30, 2022, for the property located at 3035 White Plains Road, in Bronx, New York (**Figure 1**) 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) Index No. W2-1108-07-07, Site No. C203039, dated July 30, 2007, and received a Certificate of Completion on December 31, 2008. Overburden soil at the Site was removed to the bedrock surface achieving Unrestricted Use Soil Clean-up Objectives. Groundwater treatment at the Site, which consisted of vacuum enhanced fluid recover (VEFR) and in-situ chemical oxidant (ISCO) injections continued through September 2013. Quarterly groundwater sampling on Site has been on-going.

The sub-slab vapor depressurization (SSD) system has been in operation from 2009 through November 2013. In September 2013, a request was submitted to the DEC to terminate operation of the SSD system. DEC in consultation with the NYS Department of Health (DOH) stated that a vapor intrusion study would be required and requested that a vapor intrusion work plan be submitted for review. The work plan was submitted in October 2013 (EBC 10/21/13) and subsequently approved by DEC/DOH. Subslab, indoor air and outdoor air samples were collected during two separate sampling events in November and December 2013. The results were submitted to DEC in December 2013 (EBC 12/26/13).

VEFR events were performed on IRMW-7, IRMW-10. IRMW-11, and IRMW-14 on August 2, August 19, August 20, August 22, August 26, August 30, 2013, September 17, September 25, 2013, October 10, and October 23, 2013.

Two chemical oxidant injection events were performed from June 2013 to October of 2016. On June 29, 2013, and September 1, 2013, 100 gallon doses of chemical oxidant (sodium persulfate) were injected. The final oxidant injection event was conducted on September 1, 2013, in conjunction with VEFR events in September and October.

The Site Management Plan specifies quarterly groundwater sampling during chemical oxidant injections and for up to eight quarters following the injection program. Groundwater sampling was performed on select wells several times during the reporting period on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022.

In September 2015 the DEC redefined a portion of the site as a Track 2 area. There are five monitoring wells included in the Track 2 area which currently make up the groundwater sampling program: IRMW7, IRMW10, IRMW11, IRMW13 and IRMW14. The highest concentrations of petroleum VOCs (PVOCs) in groundwater were reported in IRMW14, located along the east property line, with a concentration of 10,620.10 µg/L taken during the March, 2020 sampling event, and with a most recent concentration of 1,033.90 µg/L from the June, 2022 sampling event. PVOC concentrations in the remaining wells ranged from 84.14 µg/L in IRMW - 11 to 477.64 µg/L in IRMW - 10 during the June 2022 sampling event.

Multiple site inspections at the site show that the concrete cover is intact and that is had not been breached.

The SSD system remains off. In March 2019, EBC has prepared and submitted to the Department a SSDS Termination Request Report. This request was approved June 24, 2019.

II. SITE OVERVIEW

A Site Location and Description

The Site is located in the County of the Bronx (New York City), New York (**Figure 1**) and is identified as Block 4545, Lot 7501 on the New York City Tax Map (note the property was previously identified as Lot 14 and is also known as Lot 1001/1002 in some NYC databases). The Site is an approximate 0.39-acre area bounded by commercial property to the north, Adee Street to the south, White Plains Road to the east, and residential properties to the west (see **Figure 2**). Lot 1001 is zoned for commercial, and Lot 1002 is zoned for residential.

B. Site Chronology

The Remedial Action for the Site was performed in accordance with the remedy selected by the NYSDEC in the Interim Remedial Measures Work Plan dated November 2007 and Remedial Action Work Plan dated March 2013. The selected remedy achieved a Track 4 Cleanup and included the following items:

- Chemical Inventory and Hydraulic Lift Removal.
- Investigation and removal of drainage structures, surface drains and related piping;
- Excavation of all overburden soil to the bedrock surface to the property line.
- The injection of a chemical oxidant solution to remediate the contaminated groundwater beneath the site. Chemical oxidants will be injected throughout the site through pvc injection points installed into the bedrock;
- The removal of liquid phase hydrocarbons from on-site monitoring wells using vacuum enhanced fluid recovery and hand-bailing; and
- Installation of a sub-slab depressurization system and vapor barrier beneath occupied areas of the buildings constructed on the Site.

Parking garages were constructed under a portion the building. The parking area is ventilated to remove vehicle fumes in accordance with the NYC Mechanical Code. A sub-slab depressurization system (SSDS) and a vapor barrier were installed beneath the portion of the building slab occupied by the supermarket. The vapor barrier and SSDS were not installed beneath the parking garage area.

The sub-slab vapor depressurization (SSD) system has been in operation from 2009 through November 2013. In September 2013, a request was submitted to the DEC to terminate operation of the SSD system. DEC in consultation with the NYS Department of Health (DOH) stated that a vapor intrusion study would be required and requested that a vapor intrusion work plan be submitted for review. The work plan was submitted in October 2013 (EBC 10/21/13) and subsequently approved by DEC/DOH. Subslab, indoor air and outdoor air samples were collected during multiple separate sampling events in November and December 2013, May 2018 and January 2019. The results were submitted to DEC in March 2019 (EBC 3/1/2019).

VEFR events were performed on IRMW-7, IRMW-10. IRMW-11, and IRMW-14 on August 2, August 19, August 20, August 22, August 26, August 30, 2013, September 17, September 25, 2013, October 10, and October 23, 2013.

Chemical oxidant injections performed at the Site consist of injecting a 10 to 20% solution of sodium persulfate activated with chelated iron into permanent injection wells. Two chemical oxidant injection events were performed from June 2013 to October of 2016. On June 29, 2013 and September 1, 2013, 100-gallon doses of chemical oxidant (sodium persulfate) were injected. The final oxidant injection event was conducted on September 1, 2013 in conjunction with VEFR events.

In September 2015 the DEC redefined a portion of the Site as a Track 2 area. This was memorialized in a new environmental easement which was filed with the City of New York on August 10, 2016 and recorded on September 15, 2016. The new easement defines a 4,933 sf area of the Site as limited to Restricted Residential, Commercial or Industrial use.

Groundwater sampling was performed on select wells several times during the reporting period on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022.

In September 2015 the DEC redefined a portion of the site as a Track 2 area. There are five monitoring wells included in the Track 2 area which currently make up the groundwater sampling program: IRMW7, IRMW10, IRMW11, IRMW13 and IRMW14. The highest concentrations of petroleum VOCs (PVOCs) in groundwater for the sampling period were reported in IRMW14, located along the east property line, with a concentration of 10,620.10 µg/L (1Q20). PVOC concentrations in the remaining wells ranged from 2.87 µg/L (2Q19) in IRMW13 to 622.10 µg/L (3Q19) in IRMW10 throughout the reporting period. The concentration of PVOCs in groundwater from the most recent sampling (2Q22) in IRMW14 is 1,033.90 µg/L.

Multiple site inspections at the site show that the concrete cover is intact and that is had not been breached.

The SSDS remains off. In March 2019, EBC has prepared and submitted to the Department a SSDS Termination Request Report. This request was approved June 24, 2019.

III. REMEDY PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS

Remedial Action at the Site performed previously under an Interim Remedial Measure (IRM) and Remedial Action Work Plan, included the removal of concrete and brick from walls, footings and structures associated with the former Site building, removal of the hydraulic lift, excavation of all overburden soil to the bedrock surface to the property line, removal or liquid phase hydrocarbons from on-site monitoring wells using vacuum enhanced fluid recovery and hand-bailing and the injection of a chemical oxidant solution to remediate the contaminated groundwater beneath the site.

The fourteen injection points were installed in positions upgradient (based on the RIR) of the of the impacted groundwater areas. Sodium persulfate was delivered to the Site as a dry powder and mixed with water on-Site to create a 20% solution. The persulfate was activated initially with FeEDTA and later switching to sodium hydroxide (NaOH) to reduce etching of the concrete floor in the garage area around the injection wells. A summary of each of the injection events is provided below:

Injection Date	Quantity of Sodium Persulfate (lbs)	Volume of Sodium Hydroxide (gal)	Quantity of FeEDTA (lbs)	Injection Wells receiving injection
July 20, 2008	1,150		189	All
September 14, 2008	1,150		189	All
May 16, 2009	1,150		189	All + 2nd in IW11-IW14
July 3, 2009	1,150		189	All + 2nd in IW11-IW14
February 13, 2010	110		18	IW8, IW12
March 13, 2010	330		54	IW9, IW11-IW15
May 16, 2010	330		54	IW9, IW11-IW15
September 26, 2011	990		162	IW6-IW12, IW14, IW15
August 1, 2012	1,150	165		IW6-IW12, IW14, IW15
October 15, 2012	1,150	165		IW6-IW12, IW14, IW15
May 18, 2013	1,925	275		IW6-IW12, IW14, IW15
June 29, 2013	1,155	165		IW6-IW12, IW14, IW15
September 1, 2013	2314	330		IW6-IW12, IW14, IW15

VEFR events were performed over a 4 to 6 hour period using a vacuum tanker truck equipped with a 1 inch diameter pvc "stinger" downpipe. The downpipe was connected to the 2 inch well casing using a 2 inch by 1 inch "fernco" reducer. The stinger is initially set no more than 2 feet below the water table and re-set deeper in the well, as needed, to continue recovery. During some events a submersible pump was used in well 11 which discharged into a 55 gallon drum. The drum was periodically emptied as needed with the vacuum truck. A summary of VEFR events during the project is as follows:

VEFR Date	Volume of Water Removed (gal)	Wells used in VEFR extraction
December 16, 2008	700	IRMW-7, IRMW-10, IRMW-12
December 23, 2008	750	IRMW-7, IRMW-10, IRMW-12
May 15, 2009	165	IRMW-5, IRMW-14
February 8, 2010	700	IRMW-7, IRMW-10, IRMW-12
September 26, 2011	700	IRMW-7, IRMW-10, IRMW-14
August 1, 2012	905	IRMW-7, IRMW-10, IRMW-14
October 15, 2012	905	IRMW-7, IRMW-10, IRMW-14
March 11, 2013	585	IRMW-7, IRMW-10, IRMW-14
April 5, 2013	585	IRMW-7, IRMW-10, IRMW-14
May 10, 2013	585	IRMW-7, IRMW-10, IRMW-14
May 18, 2013	810	IRMW-7, IRMW-10, IRMW-11, IRMW-14
August 2, 2013	720	IRMW-7, IRMW-10, IRMW-11
August 19, 2013	547	IRMW-7, IRMW-10, IRMW-11
August 20, 2013	503	IRMW-7, IRMW-10, IRMW-11
August 22, 2013	725	IRMW-7, IRMW-10, IRMW-11

Groundwater

As shown in **Table 1**, the depth to groundwater at the site varies from approximately 16.24 to 16.30 ft from surface grade and approximately 2 to 6 ft below the cellar level slab.

To assist in the evaluation of VOCs in groundwater, sum total values are provided in summary tables for VOCs, BTEX compounds and petroleum VOCs for all sampled monitoring wells. The totals for petroleum VOCs include only those compounds associated with gasoline contamination and exclude chlorinated solvents and unrelated non-petroleum VOCs such as acetone, methylene chloride and chloroform.

The groundwater sample results for each sampling event during the reporting period are compared to the water quality standards specified in NYSDEC Groundwater Water Quality Standards and Guidance Values (June 1998 and Addendum of April 2000) in **Tables 2** through **6,** and a copy of each of the laboratory analytical reports are included in **Appendix B.** The BTEX and total VOC concentrations for each monitoring well are shown on **Figure 4** for visual comparison. In addition, the total volatile organic compound and petroleum VOC concentrations over time for each monitoring well that initially contained elevated VOC concentrations is shown on **Graphs 1** through **5**.

As shown in **Table 6** and on **Figure 4** the highest concentrations of PVOCs in groundwater were reported in IRMW-14, located along the east property line, with a concentration of 10,620.10 µg/L reported during the 3/27/2020 sampling event. However, the most recent (June 30,2022) total PVOC was 1,033.90 µg/L.

A description of the laboratory results for each monitoring well since installation is described below.

IRMW-1 – The initial total VOC concentration (2,738 µg/L) and PVOC concentration (2,060 µg/L) detected in IRMW-1 in May of 2008 was comprised primarily of the BTEX compounds. Significant total VOC reductions were recorded by October 2008, as the total VOC concentration fell to 637 µg/L, and the PVOC concentration fell to 384 µg/L. No significant trends were observed from April 2009 to November 2014 as BTEX concentrations in IRMW-1 appeared to fluctuate between 0 to 300 µg/L. Since this well is outside of the Track 2 area, it is no longer part of the monitoring program and was not sampled during the reporting period.

IRMW-2 – With the exception of MTBE (14 µg/L) detected during the 1Q13 groundwater sampling event, no petroleum related VOCs have been detected above GQS in IRMW-2 since 3Q10. Total petroleum VOCs consisting entirely of MTBE were reported at 3.6 and 7.4 µg/L between June and September 2013. Since this well is outside of the Track 2 area, it is no longer part of the monitoring program and was not sampled during the reporting period

IRMW-3 – The initial total VOC concentration (5,604 µg/L) and PVOC concentration (4,664 µg/L) detected in IRMW-2 in May of 2008 was comprised primarily of BTEX compounds. Significant total VOC reductions were recorded by August 2008, as the total VOC concentration fell to 324.8 µg/L, and the PVOC concentration fell to 260 µg/L. No significant trends were observed from October 2008 to June 2012 as total VOC concentrations in IRMW-3 appeared to fluctuate between 100 µg/L and 600 µg/L. From June 2013 to November 2014, a decrease in total VOC and PVOC concentrations were noted, with PVOC concentrations ranging from 0 to 12 µg/L. Since this well is outside of the Track 2 area, it is no longer part of the monitoring program and was not sampled during the reporting period.

IRMW-4 – Historically, little to no BTEX or PVOC compounds have been detected in IRMW-4. No VOCs were detected above GQS from June 2013 to November 2014 with the exception of acetone at concentrations which would indicate it is a laboratory contaminant. Since this well is outside of the Track 2 area, it is no longer part of the monitoring program and was not sampled during the reporting period.

IRMW-5 – The initial total VOC concentration in IRMW-5 (May 2008) was reported as 3,425 µg/L, which was comprised primarily of BTEX compounds (2,944 µg/L). Total VOC concentrations have varied significantly since 2008, but the concentration of PVOCs since October of 2012 have either been non-detect or slightly above GQS. No PVOCs were detected in June 2013, and a significant portion of the elevated total VOC concentration (1,229 µg/L) was related to the laboratory contaminants methylene chloride (110 µg/L) and acetone (560 µg/L). From June 2013 to November 2014, a decrease in total VOC and PVOC concentrations were noted, with PVOC concentrations ranging from 0 to 79 µg/L. Since this well is outside of the Track 2 area, it is no longer part of the monitoring program and was not sampled during the reporting period.

IRMW-6 – VOCs were not detected in IRMW-6 for the first 2 sampling events conducted in 2008. However, a spike of PVOCs was reported during the October 2008 sampling event. PVOC concentrations continued to increase for the subsequent sampling events performed in 2009. The total VOC concentrations spikes again in 4Q09 and in 1Q12 However, little or no PVOCs were detected in IRMW-6 in 2011, 2012 and the first 2 quarters of 2013, with the exception of a spike in PVOCs (3,030 µg/L) in March 2012. From June to September 2013, BTEX concentrations ranged from 85 to 176 µg/L with total PVOCs ranging from 104 to 265 µg/L. Since this well is outside of the Track 2 area, it is no longer part of the monitoring program and was not sampled during the reporting period.

IRMW-7 – During the 3 sampling events of 2008 (May, August, October), IRMW-7 either had traces of liquid phase hydrocarbons (LPH) or high concentrations of total VOCs (14,190 µg/L in August 2008). Following two VEFR events performed in 2008, LPH has not returned to the well. In 2009, total VOC concentrations appeared to have stabilized within the range of 5,348 to 6,921 µg/L and BTEX concentrations were in the range of approximately 3,000 µg/L. Total VOCs continued on a downward trend until 4Q12, at which time total VOC concentrations began to fluctuate. From 4Q12 to 2Q22, total VOC concentrations have ranged from 45.10 µg/L (2Q20) to 3,144.00 µg/L (2Q13).

Since this well is within the Track 2 area it was sampled seven times during the reporting period on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022 . During this time, BTEX concentrations have ranged from a low of 3.36 µg/L on 6/30/2020 to a high of 31.26 µg/L on 6/26/2019. The most recent BTEX concentration (6/30/2022) is 7.58 µg/L. Total VOCs during the reporting period ranged from 45.10 µg/L on 6/30/2020 to 417.40 µg/L on 9/30/2019. The most recent total VOC concentration (6/30/2022) is 154.466µg/L.

IRMW-8 – Although no VOCs were initially detected within IRMW-8 in May 2008, the total VOC concentrations increased to 5,094 µg/L during the last quarter of 2008. This trend continued in 2009 with total VOCs in the first 3 quarters ranging from 2,736 to 9,094 µg/L. IRMW-8 was sampled for the last time during the 1Q10 sampling event. The total VOC concentration detected that quarter (10,679 µg/L) was the highest concentration detected to date. The monitoring well was abandoned/removed prior to the 2Q10 sampling event due to construction activity within the commercial space. However, prior to abandonment/removal, a VEFR event was performed on the monitoring well, and a 100-gallon dose of oxidant was injected.

IRMW-9 – Total VOCs in IRMW-9 have historically been very low with only minor detections in 2008. The trend continued in 2009 with no-detections reported in 2 of the 3 quarters. The 3Q09 groundwater sampling event noted a total VOC concentration of 26 µg/L. Relatively low concentrations of gasoline related VOCs were detected during the 1Q10 sampling event, and the total VOC concentration was 55 µg/L. IRMW-9 was abandoned/removed prior to the 2Q10 sampling event due to construction activity within the commercial space.

IRMW-10 – The monitoring well was initially installed as an LPH delineation well and was not included in the quarterly sampling round. The well was sampled for the first time during the 3Q09 sampling event. Total VOC concentrations within the well for 2009 and 2010 ranged from 2,850 µg/L (1Q10) to 9,442 µg/L (4Q10). This area is in close proximity to the identified secondary source area associated with the north dispensers at the former gas station. For 2011, the total VOC concentration range (5,040 to 8,363 µg/L) was similar to 2010 concentrations and BTEX concentrations ranged from

2,291 to 4,120 µg/L. BTEX concentrations fluctuated between 32 µg/L (4Q12) to 1,899 µg/L (2Q12) from 2012 through September 2013, at which time a downward trend was established.

Since this well is within the Track 2 area it was sampled seven times during the reporting period on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022. During this time BTEX concentrations have ranged from a low of 23.47 µg/L on 6/30/22 to a high of 53.60 µg/L on 9/30/19. Total VOCs during the reporting period ranged from 477.64 µg/L on 6/30/22 to 622.10 µg/L on 9/30/19. The most recent total VOC concentration (6/30/22) is 477.64 µg/L.

IRMW-11 – This area is in close proximity to the identified secondary source area associated with the north dispensers at the former gas station. The monitoring well was initially installed as an LPH delineation well and was not included in the quarterly sampling round. The well was sampled for the first time during the 3Q09 sampling event. Total VOC concentrations detected in 2009 and 2010 ranged from 5,000 to 8,000 µg/L and BTEX concentrations were approximately 2,000 to 3,000 µg/L. Sampling results from 2011 through the first two quarters of 2013 reported PVOC concentrations to be within the range of 3,000 to 5,000 µg/L and BTEX around 1,000 to 2,000 µg/L. The downward trend continued through 2Q22 and BTEX concentrations ranged from 1.60 µg/L (2Q22) to 190.5 µg/L (3Q16) during this time. Total VOC concentrations ranged from 84.14 (2Q22) to 780.30 µg/L (4Q13).

Since this well is within the Track 2 area it was sampled seven times during the reporting period on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022. During this time BTEX concentrations have ranged from a low of 1.60 µg/L on 6/30/22 to a high of 46.50 µg/L on 9/30/19. Total VOCs during the reporting period ranged from 84.14 µg/L on 6/30/22 to 366.10 µg/L on 12/10/19. The most recent total VOC concentration (6/30/22) is 84.14 µg/L.

IRMW-12 – The monitoring well was initially installed as an LPH delineation well and was not included in the quarterly sampling round. The well was sampled only during the 3Q09 sampling event. The monitoring well was abandoned/removed prior to the 2Q10 sampling event due to construction activity within the commercial space. However, prior to abandonment/removal, a VEFR event was performed on the monitoring well, and a 100-gallon dose of oxidant was injected.

IRMW-13 – The monitoring well was initially installed as an LPH delineation well and was not included in the quarterly sampling round. The well was sampled for the first time during the 3Q09 sampling event. Total VOC concentrations within the well for 2009 and the first three quarters of 2010 had ranged from 1,449 µg/L to 6,204 µg/L, but a spike was observed during the 4Q10 groundwater sampling event (10,607 µg/L). Significantly lower concentrations have been reported since this time, as total VOCs from 2011 through the second quarter of 2022 varied between 0.41 µg/L (3Q17) and 1,206.34 µg/L (1Q17), and BTEX compounds over the same time period varied between non-detect and 550.9 µg/L (2Q11). A spike was observed during the 4Q11 groundwater sampling event, with a BTEX concentration of 4,786 µg/L and total VOC concentration of 7,948.80 µg/L reported. A smaller spike was reported between 3Q12 and 1Q13, when BTEX concentrations spiked to 1,169 µg/L in IQ13 and total VOC concentrations jumped from 198.55 µg/L in 3Q12 to 2,452.30 µg/L in 1Q13 before decreasing again.

The well was sampled six times during the reporting period on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, and 9/28/2020. During this time BTEX concentrations ranged from non-

detectable (0.00 µg/L) on 6/26/19 to a high of 199.60 µg/L on 6/30/20. The most recent BTEX concentration (9/28/2020) is 8.70 µg/L. Total VOCs during the reporting period ranged from 2.87 µg/L on 6/26/19 to 521.5 µg/L on 6/30/20. The most recent total VOC concentration (9/28/20) is 37.10 µg/L.

IRMW-14 – The monitoring well was installed following the 1Q10 sampling event and was first sampled 2Q10. The laboratory results for 2Q10 indicated the highest total VOC (46,150 µg/L) and BTEX concentrations (34,720 µg/L) detected at the Site. The monitoring well was not sampled during 3Q10 or 4Q10 due to the presence of a thin layer of LPH. A VEFR event was performed in March of 2011. A total VOC concentration of 24,026 µg/L (BTEX of 14,600 µg/L) was detected in 1Q11, but lower total VOC concentrations were detected in 2Q11 (10,210 µg/L), 3Q11 (483 µg/L), and 4Q11 (9,725 µg/L). The total VOCs from 2012 through 2022 varied between 900.60 µg/L (4Q13) and 22,863 µg/L (1Q17), and BTEX compounds over the same time period varied between 219 µg/L (4Q13) and 17,400 µg/L (1Q17).

Since this well is within the Track 2 area it was sampled seven times during the reporting period on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022. During this time BTEX concentrations have ranged from a low of 491.60 µg/L on 6/30/22 to a high of 6,854.00 µg/L on 3/27/20. The most recent BTEX concentration (6/30/22) is 1491.60 µg/L. Total VOCs during the reporting period ranged from 1,033.90 µg/L on 6/30/2022 to 10,620.10 µg/L on 3/27/2020. The most recent total VOC concentration (6/30/2022) is 1,033.90 µg/L.

IRMW-15 – Historically, little to no BTEX or PVOC compounds have been detected in IRMW-15. No VOCs were detected above GQS with the exception of the laboratory contaminant acetone, and MTBE and 1,2-dichloroethane. Since this well is outside of the Track 2 area, it is no longer part of the monitoring program and was not sampled during the reporting period.

The sub-slab vapor depressurization (SSD) system has been in operation from 2009 through November 2013. In September 2013, a request was submitted to the DEC to terminate operation of the SSD system. DEC in consultation with the NYS Department of Health (DOH) stated that a vapor intrusion study would be required and requested that a vapor intrusion work plan be submitted for review. The work plan was submitted in October 2013 (EBC 10/21/13) and subsequently approved by DEC/DOH.

In March 2019, EBC has prepared and submitted to the Department a SSDS Termination Request Report. This request was approved June 24, 2019. Subslab, indoor air and outdoor air samples were collected during multiple separate sampling events in November and December 2013, May 2018 and January 2019. The results were submitted to DEC in March 2019 (EBC 3/1/2019). Petroleum related VOC concentrations were detected in all of the sub-slab soil gas samples and in indoor ambient air samples collected. The indoor ambient air sample concentrations were consistent with typical background levels. Furthermore, the VOC concentrations detected in the May 2018 sampling event are consistent or lower than concentrations noted during the previous sampling events.

PCE and TCE, which are not site-related contaminants, were within the no further action recommendation of the NYSDOH Soil Vapor / Indoor Air decision matrices (NYSDOH, May 2017).

Based on the results of the sampling performed and the consistent VOC concentrations since the December 2013 through the January 2019 sampling events, EBC recommended permanent shutdown of the SSD system at the Site. As a preventive measure, the HDPE vapor barrier will remain in place and the SSD system converted to passive mode.

The SSD system remains off and it is currently acting as a passive venting system.

IV. IC/EC PLAN COMPLIANCE REPORT

A. IC Requirements and Compliance

1. IC Controls

A series of Institutional Controls (ICs), required under the Site Management Plan, were placed on the property in the form of an Environmental Easement which was recorded with the NYC Department of Finance, Office of the City Register (NYSDOF-OCR) on December 24, 2008. A second easement limiting a 4,933 sf portion of the Site as Restricted Residential, Commercial or Industrial was recorded on September 15, 2016. The recorded ICs are as follows:

- implement, maintain and monitor Engineering Control systems;
- prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination; and,
- limit the use and development of the site to restricted residential uses only.

Adherence to these Institutional Controls on the Site (Controlled Property) is required under the Environmental Easement and will be implemented under the Site Management Plan. These Institutional Controls are:

- All Engineering Controls must be operated and maintained as specified in this SMP;
- All Engineering Controls on the Controlled Property (the Site) must be inspected and certified at a frequency and in a manner defined in this SMP;
- Groundwater, soil vapor, and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in this SMP;
- On-Site environmental monitoring devices, including but not limited to, groundwater monitor wells and soil vapor probes, must be protected and replaced as necessary to ensure continued functioning in the manner specified in this SMP.
- Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of this SMP;
- A soil vapor mitigation system consisting of a sub-slab depressurization system must be inspected, certified, operated and maintained as required in this SMP;
- Ground water and soil vapor monitoring must be performed as defined in this SMP; and

- Engineering Controls may not be discontinued without an amendment or the extinguishment of this Environmental Easement.

Site restrictions include:

- With the exception of a 4,933 sf section of the property identified as the "Track 2 area", the Controlled Property may be used for unrestricted residential use only provided the short-term Engineering and Institutional Controls included in this SMP remain in use;
- The 4,933 sf Track 2 area of the Controlled Property may be used for Restricted residential commercial or industrial use;
- Use of groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for the intended use.

2. Status of each IC

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. The easement was modified on September 15, 2016 to identify the Track 2 area. The revised easement is available on Acris website under Block 4545, Lot 1001.

3. Corrective Measures

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

4. IC Conclusions and Recommendations

It is recommended that the Institutional Controls remain in place with respect to September 15, 2016 recorded easement. The SMP has previously been modified to address the extinguishment of the SSD system and the easement may be extinguished if so warranted by DEC.

B. EC Requirements and Compliance

1. EC Controls

<u>Sub-slab Depressurization System (SSDS)</u>

An active SSDS was required beneath the completed retail section of the building as a temporary mitigation measure against vapor intrusion, since improvement in groundwater quality was expected to occur at the site over time. The SSDS was not required beneath the parking garage since this area is ventilated to remove vehicle fumes in accordance with the NYC Building Code.

An SSDS and vapor barrier were designed and incorporated into the new building plans as a preventive measure for the retail space in the new building. Design details of the SSDS beneath the 11,000 square

foot commercial area on the ground floor consist of three separate zones. Each zone provides coverage of up to 3,666 sf of slab area.

The horizontal vent line was constructed of a continuous loop of perforated 4-inch HDPE pipe. In each zone the horizontal pipe extends to an adjacent utility chase-way where it is piped individually to the roof via a 6-inch schedule 40 pvc line. Fill material around the horizontal vent piping is virgin-mined, ½ inch to ¾ inch gravel.

LPH Removal

LPH removal was accomplished using vacuum enhanced fluid recovery (VEFR) events. Each event lasts from 4 to 6 hour and will be performed using a vacuum tanker truck equipped with a 1 inch diameter pvc "stinger" downpipe. The downpipe is connected to the 2 inch well casing using a 2 inch by 1 inch "fernco" reducer. The stinger will initially be set no more than 2 feet below the water table. If fluid recovery ceases altogether, the downpipe is re-set deeper in the well, as needed, to continue recovery.

ISCO Application

Following excavation of soil down to the bedrock throughout the site and the excavation of bedrock to the final level in the parking garage area, a chemical oxidant injection program was initiated under an IRM to reduce VOC concentrations in groundwater. This program was supplemented under the RAWP.

The oxidant injections consist of a solution of sodium persulfate and chelated iron or high pH activator. Both components will be delivered to the site and mixed then with water on-site to create a 10 to 30 percent solution. The injections consist of approximately 100 gallons of solution per injection point.

Chemical oxidant injections performed at the Site consist of injecting a 10 to 20% solution of sodium persulfate activated with chelated iron or high pH into permanent injection wells.

2. Status of each EC

Sub-Slab Depressurization System

The SSD system remains off and it is currently acting as a passive venting system. Appendix D contains the submittal and approval by DEC.

LPH Removal

VEFR events were performed on IRMW-7, IRMW-10. IRMW-11, and IRMW-14 on August 2, August 19, August 20, August 22, August 26, August 30, 2013, September 17, September 25, 2013, October 10, and October 23, 2013.

ISCO Application

Two chemical oxidant injection events were performed from June 2013 to October of 2016. On June 29, 2013 and September 1, 2013, 100-gallon doses of chemical oxidant (sodium persulfate) were injected. The final oxidant injection event was conducted on September 1, 2013 in conjunction with VEFR events in September and October.

3. Corrective Measures

No corrective measures were implemented during the reporting period.

4. EC Conclusions and Recommendations

Although LPH has not been reported in any of the monitoring wells for years, and VEFR events were discontinued VOC concentrations in groundwater, IRMW-14 remain at 1,033.90 µg/L . This is largely due to the poor interconnectivity of fractures at this location which causes minimal water recharge into the well following withdrawal. Since the concentrations in this well are the primary target for treatment, continued VEFR events are not recommended at this time. VEFR events may also be pulling contamination from off-site areas, back onto the site and prolonging site remediation.

C. IC/EC Certification

I, Ariel Czemerinski, am currently a registered professional engineer licensed by the State of New York. I have inspected the Engineering Controls for the Former Dico G Auto & Truck Repair (NYSDEC BCP Number: C203039).

I certify that the Engineering Controls, consisting of a cover and vapor barrier remain in-place and that the SSD system is off and that a decision by the NYSDOH and NYSDEC for permanently extinguishing the system has been made. VEFR events have been suspended in accordance with the SMP as there is no evidence of LPH remaining at the Site. Chemical oxidant injections have been suspended pending an evaluation of the potential benefit of continued injections.

I certify that access is available to the NYSDEC and the NYSDOH to evaluate continued maintenance of the Engineering Controls.

Certification that the Institutional Controls in the form of an environmental easement recorded with the NYC Department of Finance, Office of the City Register, remains in place, is unchanged from the previous certification and that the current site usage is in compliance with the environmental easement is pending a response from the NYCDOF - OCR.

076508	7/26/2022	
NYS Professional Engineer #	Date	Signature

V. MONITORING PLAN COMPLIANCE REPORT

A. Components of the Monitoring Plan

The Monitoring Plan within the Site Management Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the site, the soil cover system, and all affected site media identified below. Monitoring of other Engineering Controls is described in Chapter 4, Operation, Monitoring and Maintenance Plan.

Groundwater samples are to be collected from the on-Site monitoring well network on a periodic basis. Sampling is to be conducted in accordance with the previously approved Site Management Plan, and groundwater samples are to be analyzed for volatile organic compounds via EPA Method 8260.

B. Summary of Monitoring Completed During Reporting Period

Groundwater quality was monitored during this time period by sampling select wells on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022. In September 2015 the DEC redefined a portion of the Site as a Track 2 area. There are five monitoring wells included in the Track 2 area which currently make up the groundwater sampling program: IRMW-7, IRMW-10, IRMW-11, IRMW-13 and IRMW-14.

Prior to sampling each monitoring well, depth to water measurements were collected utilizing a decontaminated electronic water level probe (**Appendix B**). Groundwater samples are collected using a peristaltic pump and dedicated polyethylene tubing in accordance with standard low-flow sampling methods as specified in the SMP. Groundwater samples were then collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301) for laboratory analysis of volatile organic compounds (VOCs) via EPA method 8260.

Groundwater sample results were compared to the water quality standards specified in New York State 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). Analytical data for the groundwater samples for the reporting period and historic trends are summarized in **Tables 2-6**. Copies of the laboratory analytical reports are included in **Appendix B.** The VOC concentrations are shown on **Figure 4** and presented in the graphs attached for visual comparison.

C. Comparisons with Remedial Objectives

As shown in **Tables 2-6** and on **Figure 4** the highest concentrations of BTEX and VOCs in groundwater were reported in IRMW-14 located at the east property line.

As IRMW-1 through IRMW-6, IRMW-8, IRMW-9, IRMW-12 and IRMW-15 were either outside of the redefined Track 2 area or previously abandoned/removed, no samples were collected from these wells during the reporting period.

IRMW-7 is located in within the slab on grade portion of the building within the lobby area. The well was sampled seven times during the reporting period. Total VOCs were generally low (<500 µg/L) through the reporting period, with a low of 45.10 µg/L (2Q20) and a high of 417.40 µg/L (3Q19). BTEX concentrations ranged from 3.36 ug/L (2Q20) to 31.26 ug/L (2Q19).

IRMW-10 is located in the slab on grade portion of the building within the laundry room area approximately 15 feet south of IRMW-7. Total VOC concentrations in this well through the reporting period ranged from a low of 477.64 ug/L (2Q22)to a high of 622.10 ug/L (3Q19). BTEX concentrations ranged from 23.47 µg/L (2Q22) to 53.60 µg/L (3Q19).

IRMW-11, located in the sidewalk along the east property line, ranged in total VOC concentration from 84.14 µg/L (2Q22) to 366.10 µg/L (4Q19) through the reporting period. BTEX ranged from 1.60 µg/L (2Q22) to 46.50 µg/L (3Q19) during this time.

IRMW-13 is located in the cellar parking garage near the east wall where the slab on grade portion of the building begins. It is located in close proximity to some of the ISCO injection wells. Total VOC concentration during the reporting period ranged from 2.87 ug/L (2Q19) to 521.50 ug/L (2Q20). BTEX concentrations ranged from non-detected (2Q19) to 199.60 ug/L (2Q20)

IRMW-14 is located in the sidewalk along the east property line approximately 25 feet north of IRMW-11. Unlike the other monitoring wells at the site, this well has poor interconnectivity with water bearing fractures and will pump dry during sampling as soon as standing water is evacuated. The well takes approximately 24 hours to recharge. It also has the highest BTEX and VOC concentrations on-Site. Concentrations in this well have continued on a decreasing trend during the reporting period, with total VOC concentrations ranging from 1,033.90 µg/L (2Q22) to 10,620.10 µg/L (1Q20). BTEX ranged from 491.60 ug/L (2Q22)to 6,854.00 (1Q20) µg/L.

D. Monitoring Deficiencies

Monitoring deficiencies were noted during this reporting period. Due to unforeseen scheduling complications, quarterly groundwater sampling for the year 2021 was not performed.

E. Conclusions and Recommendations

Although there is a significant amount of fluctuation in concentrations over time, there has been a substantial improvement in groundwater quality following the remedial activity in all areas of the Site. The downward trends in VOC and BTEX concentrations have continued and the total VOC concentrations in all wells are currently less than 1,100 µg/L.

IRMW-14 is noted to have a much slower recharge rate than the other wells and appears to have little to no interconnectivity to water bearing fractures. The viability of using this well in making site-decisions is questionable. It is recommended that the well either be abandoned, replaced if feasible or given limited status in evaluating representative groundwater quality. With the Track 2 area currently defined, it is recommended that groundwater monitoring be performed on a quarterly basis including wells IRMW-5, IRMW-7, IRMW-10, IRMW-11 and IRMW-13.

VI. OPERATIONS & MAINTENANCE PLAN COMPLIANCE REPORT

A. Components of the O&M Plan

The Operation and Maintenance Plan describes the measures necessary to operate and maintain the sub-slab vapor depressurization system for the Site.

1. Sub-Slab Depressurization System

The sub-slab vapor depressurization system is currently off and acting as a passive venting system after DEC / DOH issued approval to permanently terminate operation of the system. No O&M or system inspections are necessary while the system remains off.

3. Monitoring Well Maintenance

If biofouling or silt accumulation has occurred in the on-Site and/or off-Site monitoring wells, the wells will be physically agitated/surged and redeveloped. Additionally, monitoring wells will be properly decommissioned and replaced (as per the Monitoring Plan), if an event renders the wells unusable. In addition, mw caps and cover will be replaced and repaired.

4. Reporting

A checklist is to be completed during each routine maintenance event which is scheduled to be on a semi-annual basis while the SSD system is operating. Checklists/forms will include, but not be limited to the following information:

- Date;
- Name, company, and position of person(s) conducting maintenance
- activities;
- Maintenance activities conducted;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet); and
- Other documentation such as copies of invoices for maintenance work, receipts for replacement equipment, etc., (attached to the checklist/form).

During each non-routine maintenance event, a form is to be completed that includes, but is not limited to, the following information:

- Date;
- Name, company, and position of person(s) conducting non-routine maintenance/repair activities;
- Presence of leaks;
- Date of leak repair;
- Other repairs or adjustments made to the system;

- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and,
- Other documentation such as copies of invoices for repair work, receipts for replacement equipment, etc. (attached to the checklist/form).

5. Contingency Plan

Emergencies may include fire or explosion, environmental release, or serious weather conditions. There is one alarm on the sub-slab depressurization system to visually and audibly alert that the fan has stopped. The fans should only cease should there be a power outage or blockage. In the event the system failure alarm goes off, the owner or owner's representative will be contacted for repairs.

B. Summary of O&M Completed During Reporting Period

1. Sub-Slab Depressurization System

There have been no inspections of the SSDS while operation has been suspended.

C. Evaluation of Remedial Systems

1. Sub-Slab Depressurization System

The sub-slab vapor depressurization system is currently off and acting as a passive venting system after DEC / DOH issued approval to permanently terminate operation of the system. No O&M or system inspections are necessary while the system remains off.

D. O&M Deficiencies

There were no deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements

No improvements in the O&M plan are necessary at this time.

VII. OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

A. Compliance with SMP

All requirements of the SMP were not implemented during this PRR reporting period. Quarterly groundwater sampling was not collected during the year 2021 due to unforeseen scheduling conflicts. In order to implement the remaining SMP requirements, the following items were completed:

- Groundwater samples were collected from select wells on 6/26/2019, 9/30/2019, 12/10/2019, 3/27/2020, 6/30/2020, 9/28/2020, and 6/30/2022.

- A request to terminate the operation of the sub-slab depressurization system was made in September 2013. At DECs/DOHs request a vapor intrusion work plan was submitted October 21, 2013 and subsequently approved by DEC/DOH. Subslab, indoor air and outdoor air samples were collected during two separate sampling events in November and December 2013, May 2018 and January 2019 with the final report submitted to DEC and DOH in March 2019. The SSD system remains off. In March 2019, EBC has prepared and submitted to the Department a SSDS Termination Request Report. This request was approved June 24, 2019.

- VEFR events were performed on IRMW-7, IRMW-10, IRMW-11, and IRMW-14 on August 2, August 19, August 20, August 22, August 26, August 30, 2013, September 17, September 25, 2013, October 10, and October 23, 2013.

- Two chemical oxidant injection events were performed from June 2013 to October of 2016. On June 29, 2013 and September 1, 2013, 100-gallon doses of chemical oxidant (sodium persulfate) were injected. The final oxidant injection event was conducted on September 1, 2013 in conjunction with VEFR events in September and October.

- The ICs/ECs were inspected and certified by the remedial engineer.

B. Performance and Effectiveness of Remedy

Overall the remedy has been effective in reducing BTEX and VOC concentrations across the Site. There is a substantial improvement in groundwater quality as reported in site monitoring wells compared to the previous PRR. This is likely attributed to both the chemical oxidant injections and the VEFR events which continued through 2013.

Subsequent sampling rounds should continue to show improvements in VOCs unless impacted groundwater is found to be migrating back onto the Site.

C. Future PRR Submittals

The next PRR submittal will reflect the PRR reporting period of July 2022 to July 2023.

TABLES

Former Dico G Auto Truck Repair
3035 White Plains Rd, Bronx, NY

Table 1
Well Survey Data

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval (ft)	Casing Elevation	DTW 6/30/2022	DTP	PT	GW ELV 6/30/2022
IRMW-7	2	19.38	15 to 20	**110.62**	**16.24**	**-**	**-**	**94.38**
IRMW-10	2	19.94		**110.60**	**16.30**			**94.30**
IRMW-11	2	19.4		**110.71**	**16.27**			**94.44**
IRMW-14	2	19.2	15 to 20		**16.30**	**-**	**-**	

TABLE 2
3035 White Plains Road, Bronx, NY
Groundwater Sample Results
2nd Quarter 2022 - June 2022

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-7		IRMW-10		IRMW-11		IRMW-14	
		6/30/2022		6/30/2022		6/30/2022		6/30/2022	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane	5	< 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	< 25	25
1,1,2,2-Tetrachloroethane	5	< 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	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,1,2-Trichlorotrifluoroethane	5	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
1,1-Dichloroethene	5	< 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	< 5.0	5.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2,3-Trichloropropane	0.04	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2,4-Trichlorobenzene		< 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	0.37	1.0	< 1.0	1.0	**280**	5.0
1,2-Dibromo-3-Chloropropane	0.04	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2-Dibromoethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 3.0	3.0
1,2-Dichloroethylene (Total)		-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**33**	5.0
1,3-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,4-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
1,4-dioxane		< 100	100	< 100	100	< 100	100	< 500	500
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
2-Butanone		-	-	-	-	-	-	-	-
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
2-Hexanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13
2-Isopropyltoluene	5	2.9	1.0	**6.5**	1.0	3.6	1.0	< 5.0	5.0
4-Chlorotoluene	5	< 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	< 13	13
Acetone		< 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	< 25	25
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Benzene	1	**4.9**	0.70	**11**	0.70	**1.6**	0.70	**9.6**	3.5
Bromobenzene	5	< 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	< 5.0	5.0
Bromodichloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Bromoform		< 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	< 25	25
Carbon Disulfide	60	< 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	< 5.0	5.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 2.0	2.0
Cyclohexane		-	-	-	-	-	-	-	-
Dibromochloromethane	5	< 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	< 5.0	5.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Ethyl Benzene	5	0.89	1.0	**8.6**	1.0	< 1.0	1.0	**100**	5.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 2.5	2.5
Isopropylbenzene	5	**35**	1.0	**88**	1.0	**6.8**	1.0	**5.2**	5.0
m/p-Xylenes	5	0.92	1.0	1.7	1.0	< 1.0	1.0	**280**	5.0
Methyl Acetate		-	-	-	-	-	-	-	-
Methyl Cyclohexane		-	-	-	-	-	-	-	-
Methyl ethyl ketone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13
Methyl tert-butyl Ether	10	8.5	1.0	**12**	1.0	7.1	1.0	4.5	5.0
Methylene Chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 15	15
Naphthalene	10	< 1.0	1.0	**19**	1.0	< 1.0	1.0	**150**	5.0
n-Butylbenzene	5	3.1	1.0	**27**	1.0	1.2	1.0	2.6	5.0
n-Propylbenzene	5	**16**	1.0	**160**	20	0.34	1.0	**14**	5.0
o-Xylene	5	0.33	1.0	0.77	1.0	< 1.0	1.0	**66**	5.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
sec-Butylbenzene	5	**11**	1.0	**29**	1.0	**9.3**	1.0	< 5.0	5.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
t-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-
Tert-butyl alcohol		69	100	110	100	53	100	53	500
tert-Butylbenzene	5	1.1	1.0	2.3	1.0	1.2	1.0	< 5.0	5.0
Tetrachloroethene	5	0.28	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Tetrahydrofuran (THF)		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
Toluene	5	0.54	1.0	1.4	1.0	< 1.0	1.0	**36**	5.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 2.0	2.0
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 13	13
Trichloroethene	5	< 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	< 5.0	5.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Vinyl Acetate		-	-	-	-	-	-	-	-
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
Total BTEX Concentration		**7.58**		**23.47**		**1.60**		**491.60**	
Total Chlroinated VOC Concentrations		**0.28**		**0.00**		**0.00**		**0.00**	
Total VOCs		**154.46**		**477.64**		**84.14**		**1033.90**	

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

TABLE 3
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-7

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-7																				
		5/27/2008	8/15/2008	10/3/2008	4/10/2009	6/18/2009	9/28/2009	12/15/2009	2/5/2010	6/4/2010	10/1/2010	12/15/2010	3/28/2011	7/29/2011	9/30/2011	12/12/2011	3/21/2012	6/29/2012	10/31/2012	1/29/2013	3/28/2013
	µg/L	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5	NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1,1-Dichloroethylene		NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropylene		NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	NR	NR	NR	**2,000**	**1,600**	**2,100**	**1,900**	**922**	**1,800**	**1,400**	**2,300**	**1,400**	**2,400**	**1,000**	**1,200**	**710**	**550**	**42**	**300**	**220**
1,2-Dibromo-3-Chloropropane	0.04	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (Total)		NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22**	ND	ND	ND	ND
1,2-Dichloropropane	1	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	NR	NR	NR	**430**	**380**	**410**	**650**	**58.8**	**350**	**130**	**120**	**120**	**220**	**160**	**200**	**98**	**87**	ND	**97**	**51**
1,3-Dichlorobenzene		NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone		NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	2.9
2-Chlorotoluene	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone		NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	46	ND	ND	ND
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	NR	**650**	NR	**120**	**110**	**110**	**68**	**41.3**	**46**	**69**	**69**	**27**	**100**	**29**	**19**	**21**	**19**	ND	**13**	**5.1**
Bromobenzene	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	60	NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon Tetrachloride	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**26**	ND	ND	ND	ND	ND	ND
Chloroform	7	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	0.97
Chloromethane	60	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	ND	ND	ND	**100**	3.7	7.3
cis-1,2-Dichloroethene	5	NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	**29**	ND	**14**	**21**
cis-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	180	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dibromochloromethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	NR	**1,700**	NR	**1,300**	**1,200**	**1,600**	**1,300**	**928**	**1,200**	**1,100**	**1,600**	**700**	**1,900**	**680**	**590**	**510**	**370**	**22**	**200**	**120**
Hexachlorobutadiene	0.5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	**ND**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	NR	**120**	NR	**120**	**91**	**130**	**140**	**64.6**	**82**	**84**	**96**	**68**	**130**	**47**	**46**	**41**	**30**	ND	**22**	**11**
m/p-Xylenes	5	NR	**8,800**	NR	**1,500**	**1,800**	**1,400**	**650**	**408**	**1,300**	**600**	**1,100**	**600**	**1,400**	**660**	**490**	**160**	**100**	ND	**190**	**110**
Methyl Acetate		NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl Cyclohexane		NR	**130**	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-butyl Ether	10	NR	**170**	NR	**56**	**110**	**94**	**59**	**35**	**37**	**94**	**81**	**43**	**130**	**42**	**63**	**73**	**74**	**47**	**84**	**80**
Methylene Chloride	5	NR	ND	NR	ND	ND	ND	ND	**28.4**	**91**	**5.2**	**81**	**5.2**	**11**	4	**36**	**7.9**	**15**	ND	ND	ND
Naphthalene	10	NR	NR	NR	**580**	**390**	**640**	**290**	**81**	**230**	**720**	**360**	**220**	**470**	**350**	**310**	**220**	**170**	ND	**100**	**65**
n-Butylbenzene	5	NR	NR	NR	**52**	ND	ND	ND	**18.8**	**29**	**24**	**32**	**35**	**39**	**16**	**19**	**17**	**9.2**	ND	**11**	**9.6**
n-Propylbenzene	5	NR	NR	NR	**290**	**220**	**290**	**350**	**169**	**220**	**190**	**240**	**160**	**310**	**110**	**110**	**100**	**78**	ND	**57**	**31**
o-Xylene	5	NR	**1,800**	NR	**330**	**480**	**150**	ND	**90.8**	**300**	**79**	**92**	**190**	**240**	**120**	**76**	**17**	**9.8**	ND	**24**	**18**
p-Isopropyltoluene		NR	NR	NR	ND	ND	ND	ND	12.9	ND	ND	ND	ND	**10**	ND	ND	4	ND	ND	2.2	1.6
sec-Butylbenzene	5	NR	NR	NR	ND	ND	ND	ND	**10.6**	ND	ND	ND	**13**	**17**	ND	ND	ND	ND	ND	3.4	2.8
Styrene	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	0.4	NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND
Tert-butyl Alcohol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	**260**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.8**	ND	ND	**39**	**17**
Tetrachloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-													-			-	-
Toluene	5	NR	**760**	NR	**140**	**150**	**91**	ND	**43**	**68**	**35**	**38**	**27**	**60**	**19**	**12**	4.8	ND	ND	4.6	2.9
trans-1,2-Dichloroethene	5	NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropylene		NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.8**	ND	ND	**13**
Trichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	NR	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
Total BTEX Concentration		-	**13,710.00**	-	**3,390.00**	**3,740.00**	**3,351.00**	**2,018.00**	**1,511.10**	**2,914.00**	**1,883.00**	**2,899.00**	**1,544.00**	**3,700.00**	**1,508.00**	**1,187.00**	**712.80**	**498.80**	**22.00**	**431.60**	**256.00**
Total Chlorinated VOC Concentration		-	**0.00**	-	**0.00**	**0.00**	**0.00**	**0.00**	**28.40**	**91.00**	**5.20**	**81.00**	**5.20**	**11.00**	**140.00**	**36.00**	**35.70**	**49.80**	**100.00**	**57.90**	**60.67**
Total VOCs		-	**14,310.00**	-	**6,918.00**	**6,531.00**	**7,015.00**	**5,407.00**	**2,913.00**	**5,753.00**	**4,530.20**	**6,469.00**	**3,608.20**	**7,437.00**	**3,373.00**	**3,171.00**	**2,011.50**	**1,592.80**	**211.00**	**1,166.10**	**791.57**

Ferrous Iron	5.0	ND	ND	-	-	-	-	-	-				
Persulfate	35.7	ND	ND	ND	ND	-	-	-	-				

Notes:
ND - Non-Detect
NR - Not Analyzed
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 3
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-7

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-7																								
	µg/L	6/3/2013	9/19/2013	11/4/2013	11/30/2013	12/22/2013	1/30/2014	9/21/2016	12/30/2016	3/24/2017	6/27/2017	9/19/2017	12/12/2017	3/21/2018	6/18/2018	9/17/2018	12/12/2018	3/26/2019	6/26/2019	9/30/2019	12/10/2019	3/27/2020	6/30/2020	9/28/2020	6/30/2022
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 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	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	-	< 1.0	< 1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.3	< 1.0	< 1.0	< 1.0	< 1.3	< 1.0
1,1,2-Trichlorotrifluoroethane	5	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 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	NR	NR	NR	NR	NR	-	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,1-Dichloroethylene	-	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	5	-	-	-	-	-	-	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,1-Dichloropropylene		ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	< 1.0	< 0.50	< 0.25	< 0.50	-	< 0.50	< 1.3	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 1.3	< 0.50	< 0.25	< 0.25	< 1.3	< 1.0
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,2,4-Trimethylbenzene	5	**760**	3.2	**63**	**24**	**28**	**280**	**100**	**73**	**28**	**39**	-	**12**	**160**	**130**	**240**	**32**	**100**	**26**	**7.2**	2.3	**6.9**	2.5	2.6	< 1.0
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	ND	ND	< 1.0	< 1.0	< 0.50	< 1.0	-	< 1.0	< 2.5	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.50	< 0.50	< 2.5	< 1.0
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	< 1.0	< 0.50	< 0.25	< 0.50	-	< 0.50	< 1.3	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 1.3	< 0.50	< 0.25	< 0.25	< 1.3	< 1.0
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 4.7	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 4.7	< 2.0	< 1.0	< 1.0	< 4.7	< 1.0
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	< 0.60	< 1.0	< 0.60	< 1.0	-	< 1.0	< 2.5	< 0.60	< 0.60	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.60	< 0.60	< 2.5	< 0.60
1,2-Dichloroethylene (Total)		ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	-	< 1.0	< 1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.3	< 1.0	< 1.0	< 1.0	< 1.3	< 1.0
1,3,5-Trimethylbenzene	5	**120**	ND	**7.1**	2.6	**7.2**	**46**	**11**	3.1	1.1	1.1	-	< 2.0	5	3.2	3.8	0.92	1.2	0.66	< 5.0	< 2.0	0.37	< 1.0	< 5.0	< 1.0
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 3.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 1.0	< 1.0	< 3.0	< 1.0
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
1,4-dioxane	-	-	-	-	-	-	-	-	-	-	-	-	-	< 500	< 100	< 100	< 200	< 200	< 200	< 500	< 200	< 100	< 100	< 500	< 100
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	4.2	< 5.0	< 1.0	1.7	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
2-Butanone		70	26	12	ND	ND	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
2-Hexanone		NR	NR	NR	NR	NR	-	< 2.5	< 5.0	< 2.5	< 5.0	-	< 2.0	< 13	< 2.5	< 1.0	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 2.5	< 2.5	< 13	< 2.5
2-Isopropyltoluene	5	-	-	-	-	-	-	**6.8**	4.6	3.1	1.9	-	< 5.0	1.4	1.2	< 2.5	2.1	1.6	2	**5.3**	**5.9**	1.3	0.53	3.8	2.9
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
4-Methyl-2-Pentanone		NR	NR	NR	NR	NR		< 2.5	< 5.0	< 2.5	< 5.0	-	< 5.0	< 13	< 2.5	< 2.5	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 2.5	< 2.5	< 13	< 2.5
Acetone		140	110	40	9.3	6.3	77	< 5.0	< 10	< 5.0	< 10	-	< 10	< 25	< 5.0	< 5.0	< 10	< 10	< 10	< 25	< 10	< 5.0	< 5.0	< 25	< 5.0
Acrolein	5	-	-	-	-	-	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 13	< 5.0
Acrylonitrile	5	-	-	-	-	-	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	1	**20**	ND	ND	ND	0.75	**12**	**21**	**9.2**	**4.1**	**4.3**	-	**7.7**	**2.5**	**2**	**3.7**	**3.6**	**1.2**	**2.7**	**8.3**	**5.5**	**1.5**	0.42	**7**	**4.9**
Bromobenzene	5	ND	2.5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Bromodichloromethane		ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Bromoform		ND	ND	ND	ND	ND	ND	< 5.0	< 10	< 5.0	< 10	-	< 10	< 25	< 5.0	< 5.0	< 10	< 10	< 10	< 25	< 10	< 5.0	< 5.0	< 25	< 5.0
Bromomethane	5	ND	ND	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 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	60	NR	NR	NR	NR	NR	-	< 1.0	< 2.0	0.37	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 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	ND	ND	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 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	ND	ND	ND	ND	ND	ND	< 5.0	< 7.0	< 5.0	< 7.0	-	< 7.0	< 7.0	< 5.0	< 5.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 5.0	< 5.0	< 7.0	< 5.0
Chloromethane	60	ND	30	10	8.9	ND	7.7	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	5	ND	4.9	**9.3**	ND	**5.3**	-	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
cis-1,2-Dichloroethylene		-	-	-	-	-	ND	-				-	< 0.50	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	-	< 0.40	< 0.50	< 0.40	< 0.50	-	-	< 1.3	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 1.3	< 0.50	< 0.40	< 0.40	< 1.3	< 0.40
cis-1,3-Dichloropropylene		-	-	-	-	-	ND	-				-	< 2.0	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	NR	NR	NR		-	-	-	-	-	< 2.0	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Dibromomethane	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	-	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	-	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Ethyl Benzene	5	**500**	**10**	**48**	**8**	**13**	**130**	**190**	**44**	**24**	**17**	-	**9.3**	**35**	**19**	**27**	**8.3**	**21**	**12**	**9.2**	4.6	**5.8**	2.1	**6.9**	0.89
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	< 0.50	< 0.50	< 0.50	< 0.50	-	< 0.50	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	0.2	< 1.0	< 0.50
Isopropylbenzene	5	**37**	ND	**8.7**	ND	1.8	**24**	**94**	**59**	**27**	**22**	-	**47**	**12**	**11**	**19**	**29**	**12**	**23**	**75**	**50**	**14**	4.9	**58**	**35**
m/p-Xylenes	5	**710**	ND	**33**	**12**	**15**	**150**	**64**	**33**	**20**	**20**	-	**6.6**	**67**	**37**	**43**	**7.9**	**31**	**11**	**9.8**	0.98	2.1	0.37	1.7	0.92
Methyl Acetate		NR	NR	NR	NR	NR		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Cyclohexane		NR	NR	NR	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone		-	-	-	-	-	-	< 2.5	< 5.0	< 2.5	< 5.0	-	< 5.0	< 13	< 2.5	< 2.5	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 2.5	< 2.5	< 13	< 2.5
Methyl tert-butyl Ether	10	**40**	**40**	**32**	**24**	**19**	**21**	**36**	**14**	**13**	**11**	-	**15**	4.5	5.7	7	6	2.8	5.5	**12**	8.6	7.2	5.1	9.7	8.5
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	< 3.0	< 5.0	< 3.0	< 5.0	-	< 5.0	< 5.0	< 3.0	< 3.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 3.0	< 3.0	< 5.0	< 3.0
Naphthalene	10	**370**	ND	**55**	**17**	**11**	**160**	**160**	**17**	7.1	5.4	-	2.7	**30**	**13**	**21**	4.3	6.8	5.9	**27**	2.3	2.9	< 1.0	**40**	< 1.0
n-Butylbenzene	5	**97**	ND	3.4	ND	1.1	**11**	**32**	**23**	**9.7**	4.3	-	**8.3**	4.2	2.8	**3.9**	2.6	4.7	3.4	**16**	**5**	2.1	0.45	**14**	3.1
n-Propylbenzene	5	ND	4.4	**20**	3.1	4.7	**53**	**250**	**140**	**41**	**27**	-	**38**	**21**	**15**	**23**	**19**	**24**	**20**	**120**	**27**	**10**	2.7	**96**	**16**
o-Xylene	5	**200**	3.8	**5.9**	ND	3.7	**32**	**7**	**5.3**	3	3.6	-	1.3	**11**	**7.9**	**9.4**	2.2	**12**	4.7	2.2	0.74	1.2	0.47	< 5.0	0.33
p-Isopropyltoluene		ND	ND	ND	ND	ND	3.2	6.2	1.7	1.1	0.64	-	1	1.6	0.9	0.83	0.57	1.4	0.68	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
sec-Butylbenzene	5	ND	ND	ND	ND	ND	5.7	**21**	**18**	**10**	**6.7**	-	**16**	4.8	3.9	**6**	**7.3**	4.7	**7.2**	**22**	**19**	**6**	2.1	**18**	**11**
Styrene	5	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
t-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl Alcohol		-	-	-	-	-	-	-	-	-	-	-	-	< 250	70	51	36	< 100	43	100	53	22	23	120	69
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	1.9	1.6	0.9	0.71	-	1.5	< 5.0	0.57	0.71	0.74	0.54	0.75	1.9	1.4	0.56	0.26	1.4	1.1
Tetrachloroethene	5	ND	**25**	**35**	**22**	**21**	-	< 1.0	< 2.0	< 1.0	< 2.0	-	-	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	0.28
Tetrachloroethylene		-	-	-	-	-	4.1	-	-	-	-	-	< 2.0	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-	-	-	-	< 5.0	< 10	< 5.0	< 10	-	< 10	< 25	< 5.0	< 5.0	< 10	< 10	< 10	< 25	< 10	< 5.0	< 5.0	< 25	< 5.0
Toluene	5	**36**	2.6	ND	ND	ND	3.8	2.6	1.8	1.3	1.1	-	1.1	1.9	0.91	1.4	0.67	1.4	0.86	1.5	0.76	0.53	< 1.0	< 5.0	0.54
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 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-1,2-Dichloroethylene		-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	< 0.40	-	< 0.40	-	< 0.50	< 1.3	< 0.40	< 0.40	< 0.50	< 0.50	< 0.50	< 1.3	< 0.50	< 0.40	< 0.40	< 1.3	< 0.40
trans-1,3-Dichloropropylene		ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	< 2.5	< 5.0	< 2.5	-	< 5.0	< 13	< 2.5	< 2.5	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 2.5	< 2.5	< 13	< 2.5
Trichloroethene	5	**44**	ND	ND	2.8	ND	1.9	-	0.35	< 2.0	< 1.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Trichloroethylene		-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	-	< 1.0
Trichlorotrifluoroethane		-	-	-	-	-	-	-	< 1.0	< 2.0	< 1.0	-	< 2.0	< 5.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0
Vinyl Acetate		-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	-	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0
Total BTEX Concentration		**1,466.00**	**15.90**	**86.90**	**20.10**	**32.45**	**327.80**	**284.60**	**93.30**	**52.40**	**46.00**	-	**26.00**	**117.40**	**66.81**	**84.50**	**22.67**	**66.60**	**31.26**	**31.00**	**12.58**	**11.13**	**3.36**	**15.60**	**7.58**
Total Chlorinated VOC Concentration		**44.00**	**59.90**	**54.30**	**33.70**	**26.30**	**9.60**	**0.00**	**0.35**	**0.00**	**0.00**	-	**4.20**	**0.00**	**0.00**	**1.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0**	**0.00**	**0.20**	**0.00**	**0.28**
Total VOCs		**3,144.00**	**261.90**	**382.40**	**133.80**	**137.85**	**1,048.40**	**1,003.50**	**448.65**	**194.77**	**165.75**	-	**171.70**	**361.90**	**324.08**	**462.44**	**163.20**	**226.34**	**169.35**	**417.40**	**187.08**	**84.46**	**45.10**	**379.10**	**154.46**

Ferrous Iron

Persulfate

Notes:

ND - Non-Detect

NR - Not Analyzed

RL - Reporting Level

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Stan

TABLE 4
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-10

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-10																
		9/29/2009	12/15/2009	2/5/2010	8/4/2010	10/1/2010	12/15/2010	3/29/2011	7/29/2011	9/30/2011	12/12/2011	3/28/2011	6/29/2012	10/31/2012	1/29/2013	3/29/2013	6/3/2013	9/19/2013
	µg/L	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1,1-Dichloroethylene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropylene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**1,800**	**2,000**	**790**	**2,500**	**1,800**	**2,600**	**1,900**	**2,700**	**1,600**	**2,600**	**2,400**	**1,500**	**35**	**1,800**	**1,100**	**2,100**	**700**
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**20**	ND	ND	ND	ND
1,2-Dichloroethylene (Total)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	**390**	**870**	**41**	**510**	**230**	**340**	**320**	**380**	**270**	**340**	**410**	**170**	ND	**410**	**180**	**370**	**97**
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	86	ND	5.7	9.9	34
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	NR	NR	NR	NR	NR	NR
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	66	840	ND	ND	ND	73
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	**77**	**86**	**42**	**58**	**93**	**78**	**38**	**100**	**30**	**78**	**33**	**45**	ND	**44**	**19**	**34**	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**37**	ND	ND	ND	ND
Carbon Disulfide	60	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	**12**	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	60	ND	ND	ND	ND	ND	ND	ND	ND	**100**	ND	ND	ND	**1500**	13	ND	ND	ND
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	**10**	ND	ND
cis-1,2-Dichloroethlyene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	**1,200**	**1,400**	**869**	**1,500**	**1,200**	**1,700**	**1,000**	**2,000**	**1,100**	**1,700**	**1,400**	**1,100**	**21**	**1,300**	**750**	**1,200**	**280**
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	**100**	**140**	**58.6**	**110**	**120**	**110**	**96**	**140**	**88**	**110**	**120**	**94**	ND	**120**	**60**	**99**	**27**
m/p-Xylenes	5	**1,600**	**870**	**335**	**1,700**	**830**	**1,600**	**1,000**	**1,700**	**1,000**	**1,600**	**1,000**	**680**	**11**	**840**	**360**	**31**	**240**
Methyl Acetate		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl Cyclohexane		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-butyl Ether	10	**67**	**77**	**36.9**	**44**	**84**	**90**	**56**	**120**	**43**	**90**	**65**	**100**	ND	**88**	**67**	**51**	**21**
Methylene Chloride	5	ND	ND	**33.1**	**87**	4.2	4.3	**5.3**	**12**	4.6	**4**	**35**	**58**	**460**	ND	ND	ND	ND
Naphthalene	10	**420**	**370**	**82.3**	**380**	**350**	**520**	**410**	**520**	**400**	**520**	**550**	**320**	ND	**430**	**280**	**640**	**210**
n-Butylbenzene	5	**46**	ND	**11.9**	**44**	**36**	**38**	**48**	**41**	**26**	**38**	**33**	**17**	ND	**41**	ND	ND	ND
n-Propylbenzene	5	**240**	**350**	**141**	**310**	**280**	**280**	**230**	**330**	**200**	**280**	**280**	**230**	ND	**300**	**140**	**260**	**60**
o-Xylene	5	**350**	**68**	**45.7**	**340**	**93**	**150**	**200**	**250**	**140**	**150**	**130**	**60**	ND	**40**	**28**	**57**	**26**
p-Isopropyltoluene		ND	ND	ND	ND	ND	ND	9.6	ND	ND	ND	ND	ND	ND	9.6	4.9	7.9	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	**15**	ND	**10**	ND	**13**	ND	ND	ND	**7.9**	**11**	ND
Styrene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	0.4	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND
Tert-butyl alcohol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	ND	ND	ND	ND	ND	**290**	ND	ND	ND	**290**	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8.2**	ND	ND
Tetrachloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	**120**	ND	**28.2**	**66**	**30**	**42**	**31**	**70**	**21**	42	**20**	**14**	ND	**16**	**5.6**	4.5	ND
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropylene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5																	
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**21**	ND
Trichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration		**3,347.00**	**2,424.00**	**1,319.90**	**3,664.00**	**2,246.00**	**3,570.00**	**2,269.00**	**4,120.00**	**2,291.00**	**3,570.00**	**2,583.00**	**1,899.00**	**32.00**	**2,240.00**	**1,162.60**	**1,326.50**	**546.00**
Total Chlorinated VOC Concentration		**0.00**	**0.00**	**33.10**	**87.00**	**4.20**	**4.30**	**5.30**	**12.00**	**116.60**	**4.30**	**35.00**	**58.00**	**1,980.00**	**13.00**	**18.20**	**21.00**	**0.00**
Total VOCs		**6,410.00**	**6,231.00**	**2,514.70**	**7,649.00**	**5,150.20**	**7,842.30**	**5,358.90**	**8,363.00**	**5,044.60**	**7,842.30**	**6,489.00**	**4,454.00**	**3,010.00**	**5,451.60**	**3,026.30**	**4,896.30**	**1,768.00**

Ferrous Iron	1.2	ND	-	-	-	-	-
Persulfate	8.92	ND	ND	ND	-	-	-

Notes:
ND - Non-Detect
NR - Not Analyzed
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 4
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-10

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-10																					
	µg/L	11/4/2013	11/30/2013	12/22/2013	1/30/2014	9/21/2016	12/31/2016	3/24/2017	6/27/2017	9/19/2017	12/12/2017	3/21/2018	6/18/2018	9/17/2018	12/12/2018	3/26/2019	6/26/2019	9/30/2019	12/10/2019	3/27/2020	6/30/2020	9/28/2020	6/30/2022
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
1,1,1-Trichloroethane	5	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
1,1,2-Trichloroethane	1	ND	ND	ND	ND	< 1.0	< 1.0	< 1.0	< 1.3	< 1.0	< 1.0	< 1.3	< 1.0	< 2.5	< 1.0	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 2.5	< 1.0	< 1.0
1,1,2-Trichlorotrifluoroethane	5	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	NR	NR	NR	-	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
1,1-Dichloroethylene		ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	5	-	-	-	-	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
1,1-Dichloropropylene		ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene		ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 10	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 2.0	< 1.0
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	< 1.0	< 0.50	< 0.25	< 1.3	< 0.25	< 0.25	< 1.3	< 0.50	< 2.5	< 0.50	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 2.5	< 0.50	< 1.0
1,2,4-Trichlorobenzene		ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 10	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 2.0	< 1.0
1,2,4-Trimethylbenzene	5	**450**	**660**	**330**	**1,100**	**180**	**80**	**130**	**56**	**55**	**28**	**6.2**	**6.2**	3.4	1.7	2.1	< 5.0	**5.6**	1.6	< 5.0	< 5.0	< 2.0	0.37
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	< 1.0	< 1.0	< 0.50	< 2.5	< 0.50	< 0.50	< 2.5	< 1.0	< 5.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 1.0	< 1.0
1,2-Dibromoethane		ND	ND	ND	ND	< 1.0	< 0.50	< 0.25	< 1.3	< 0.25	< 0.25	< 1.3	< 0.50	< 2.5	< 0.50	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 2.5	< 0.50	< 1.0
1,2-Dichlorobenzene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 4.7	< 1.0	< 1.0	< 4.7	< 2.0	< 4.7	< 2.0	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 2.0	< 1.0
1,2-Dichloroethane	0.6	ND	ND	ND	ND	< 0.60	< 1.0	< 0.60	< 2.5	< 0.60	< 0.60	< 2.5	< 1.0	< 5.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 1.0	< 0.60
1,2-Dichloroethylene (Total)	-	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	ND	ND	ND	ND	< 1.0	< 1.0	< 1.0	< 1.3	< 1.0	< 1.0	< 1.3	< 1.0	< 2.5	< 1.0	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 2.5	< 1.0	< 1.0
1,3,5-Trimethylbenzene	5	**52**	**23**	**47**	**73**	**7.7**	4.8	**9.4**	**3.8**	**7.4**	4.1	1.5	3.3	< 5.0	0.51	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
1,3-Dichlorobenzene		ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 3.0	< 1.0	0.38	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 1.0
1,3-Dichloropropane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
1,4-Dichlorobenzene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	< 500	< 200	< 1000	< 200	< 500	< 500	< 500	< 500	< 500	< 1000	< 200	< 100
2,2-Dichloropropane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	**6.9**	< 5.0	< 2.0	**5.7**	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
2-Butanone		9.1	8.8	ND	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
2-Hexanone		NR	NR	NR	-	< 2.5	< 5.0	< 2.5	< 13	< 2.5	< 1.0	< 13	< 5.0	< 5.0	< 5.0	< 13	< 13	< 13	< 13	< 13	< 25	< 5.0	< 2.5
2-Isopropyltoluene	5	-	-	-	-	**6.7**	4.7	**6.8**	**6.4**	**5.6**	< 2.5	**6.6**	**7.3**	< 25	4.3	**5.5**	**6.3**	**6.6**	**7**	**6.8**	4.8	**6.3**	**6.5**
4-Chlorotoluene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
4-Methyl-2-Pentanone		NR	NR	NR	-	< 2.5	< 5.0	< 2.5	< 13	< 2.5	< 2.5	< 13	< 5.0	< 25	< 5.0	< 13	< 13	< 13	< 13	< 13	< 25	< 5.0	< 2.5
Acetone		42	ND	ND	51	< 5.0	< 10	< 5.0	< 25	< 5.0	< 5.0	< 25	< 10	< 50	< 10	< 25	< 25	< 25	< 25	< 25	< 50	< 10	< 5.0
Acrolein	5	-	-	-	-	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 5.0	< 13	< 5.0	< 25	< 5.0	< 13	< 13	< 13	< 13	< 13	< 25	< 5.0	< 5.0
Acrylonitrile	5	-	-	-	-	< 5.0	< 5.0	< 5.0	< 13	< 5.0	< 5.0	< 13	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	1	**4.8**	**7**	ND	**13**	**22**	**10**	**18**	**19**	**20**	**14**	**19**	**22**	**21**	**6.4**	**5.6**	**9.6**	**11**	**10**	**11**	**9.9**	**11**	**11**
Bromobenzene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Bromochloromethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Bromodichloromethane		ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 10	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 2.0	< 1.0
Bromoform		ND	ND	ND	ND	< 5.0	< 10	< 5.0	< 25	< 5.0	< 5.0	< 25	< 10	< 50	< 10	< 25	< 25	< 25	< 25	< 25	< 50	< 10	< 5.0
Bromomethane	5	4.5	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	60	NR	NR	NR	-	< 1.0	1.4	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 10	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 2.0	< 1.0
Carbon Tetrachloride	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Chlorobenzene	5	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	ND	ND	< 5.0	< 7.0	< 5.0	< 7.0	< 5.0	< 5.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 5.0
Chloromethane	60	5.6	ND	ND	3.6	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	3.8	ND	ND	-	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
cis-1,2-Dichloroethlyene		-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	ND	ND	-	< 0.40	< 0.50	< 0.40	< 1.3	< 0.40	-	< 1.3	< 0.50	< 2.5	< 0.50	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 2.5	< 0.50	< 0.40
cis-1,3-Dichloropropylene		-	-	-	ND	-	-	-	-	-	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 10	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 2.0	< 1.0
Dibromomethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	-	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Dichlorodifluoromethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	-	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Ethyl Benzene	5	**180**	**160**	**110**	**260**	**320**	**150**	**210**	**120**	**160**	**96**	**64**	**60**	**63**	**15**	**9.6**	**15**	**25**	**20**	**27**	**15**	**17**	**8.6**
Hexachlorobutadiene	0.5	ND	ND	ND	ND	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 0.50	< 2.0	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 0.50	< 0.50
Isopropylbenzene	5	**36**	**32**	**17**	**50**	**78**	**87**	**85**	**92**	**67**	**84**	**63**	**74**	**86**	**56**	**61**	**79**	**89**	**110**	**98**	**75**	**73**	**88**
m/p-Xylenes	5	**120**	**110**	**82**	**200**	**47**	**27**	**56**	**26**	**48**	**25**	**11**	**17**	**11**	2.4	**5.9**	3.2	12	2.9	2.5	< 10	1.6	1.7
Methyl Acetate		NR	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Cyclohexane		NR	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone						< 2.5	< 5.0	< 2.5	< 13	< 2.5	< 2.5	< 13	< 5.0	< 25	< 5.0	< 13	< 13	< 13	< 13	< 13	< 25	< 5.0	< 2.5
Methyl tert-butyl Ether	10	**26**	**20**	**15**	**21**	**34**	**17**	**30**	**28**	**30**	**22**	**25**	**20**	**19**	8.3	6.9	**11**	**14**	**11**	9.6	**11**	**12**	**12**
Methylene Chloride	5	ND	ND	ND	ND	< 3.0	< 5.0	< 3.0	< 5.0	< 3.0	< 3.0	< 5.0	< 3.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 3.0
Naphthalene	10	**160**	**150**	**97**	**220**	**120**	**26**	**91**	**35**	**91**	**31**	**53**	**35**	**70**	**21**	**7.9**	**23**	**86**	**27**	**77**	**73**	**77**	**19**
n-Butylbenzene	5	**16**	**6.6**	**6.4**	**20**	**26**	**22**	**31**	**28**	**28**	**23**	**20**	**21**	**16**	**10**	**17**	**27**	**28**	**33**	**29**	**23**	**23**	**27**
n-Propylbenzene	5	**87**	**80**	**44**	**110**	**200**	**190**	**180**	**180**	**140**	**150**	**85**	**100**	**130**	**87**	**94**	**170**	**170**	**190**	**170**	**150**	**140**	**160**
o-Xylene	5	**8.9**	**5.5**	**5.6**	**20**	**5.2**	3.8	**5.2**	3.6	**5.4**	3.8	3.8	4.2	4	1.4	1.8	1.6	3.2	1.6	1.3	< 5.0	1.1	0.77
p-Isopropyltoluene		4.3	4.2	ND	14	6.9	3.2	4.2	1.9	2.9	1.5	< 5.0	0.96	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
sec-Butylbenzene	5	**6.7**	**6.7**	ND	**10**	**18**	**18**	**23**	**24**	**25**	**20**	**21**	**23**	**19**	**15**	**20**	**26**	**27**	**33**	**31**	**24**	**25**	**29**
Styrene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
t-1,3-Dichloropropene	0.4	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol		-	-	-	-	-	-	-	-	-	-	200	220	< 500	65	60	120	140	95	69	120	150	110
tert-Butylbenzene	5	ND	ND	ND	ND	1.8	1.7	2	2.1	1.9	2	2.5	2.4	< 5.0	1.4	1.8	2.2	2.3	2.2	2.4	< 5.0	2.1	2.3
Tetrachloroethene	5	**12**	ND	ND	-	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	-	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Tetrachloroethylene		-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-	-	< 5.0	< 10	< 5.0	< 25	< 5.0	< 5.0	< 25	< 10	< 50	< 10	< 25	< 25	< 25	< 25	< 25	< 50	< 10	< 5.0
Toluene	5	ND	ND	ND	3	2.3	1.8	2.5	2	2.3	2.1	1.9	2.5	2.8	1	1.5	1.3	2.4	1.7	2.4	< 5.0	1.5	1.4
trans-1,2-Dichloroethene	5	ND	ND	ND		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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-1,2-Dichloroethylene		-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	< 0.40	< 0.50	< 0.40	< 1.3	< 0.40	< 1.3	< 0.50	< 2.5	< 0.50	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 2.5	< 0.50	< 0.40
trans-1,3-Dichloropropylene		ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-dichloro-2-butene	5						< 2.5	< 5.0	< 2.5	< 13	< 2.5	< 13	< 5.0	< 25	< 5.0	< 13	< 13	< 13	< 13	< 13	< 25	< 5.0	< 2.5
Trichloroethene	5	ND	ND	ND	ND	-	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Trichloroethylene		-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroflouromethane	5	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 1.0
Trichlorotrifluoroethane		-	-	-	-	-	< 1.0	< 2.0	< 1.0	< 5.0	< 1.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0
Vinyl Acetate		-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 2.0	-
Vinyl Chloride	2	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.5	< 2.0	< 1.0
Total BTEX Concentration		**313.70**	**282.50**	**197.60**	**496.00**	**396.50**	**192.60**	**291.70**	**170.60**	**235.70**	**140.90**	**99.70**	**105.70**	**101.80**	**26.20**	**24.40**	**30.70**	**53.60**	**36.2**	**44.20**	**24.90**	**32.20**	**23.47**
Total Chlorinated VOC Concentration		**21.40**	**0.00**	**0.00**	**3.60**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7.28**	**0.00**	**0.00**	**5.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0**	**0.00**	**0.00**	**0.00**	**0.00**
Total VOCs		**1,228.70**	**1,273.80**	**754.00**	**2,187.20**	**1,075.60**	**648.40**	**884.10**	**627.80**	**689.50**	**513.78**	**583.50**	**618.86**	**450.90**	**296.41**	**300.60**	**495.20**	**622.10**	**546**	**537.00**	**505.70**	**540.60**	**477.64**

Ferrous Iron
Persulfate

Notes:
ND - Non-Detect
NR - Not Analyzed
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater St

TABLE 5
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-11

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-11																
	µg/L	9/29/2009	12/15/2009	2/5/2010	6/4/2010	10/1/2010	12/15/2010	3/29/2011	7/29/2011	9/30/2011	12/12/2011	3/21/2012	6/29/2012	10/31/2012	1/29/2013	3/29/2013	6/3/2013	9/19/2013
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	NS	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1,1-Dichloroethylene		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropylene		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**3,700**	**2,600**	NS	**1,900**	**1,800**	**2,700**	**2,000**	**1,400**	**410**	**2700**	**320**	**690**	**300**	**350**	**62**	**33**	**140**
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	NS	ND	ND	ND	ND	ND	**7.5**	ND	**1.1**	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (Total)		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	28	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	**750**	**380**	NS	**390**	**330**	**260**	**320**	**120**	**78**	**260**	**120**	**150**	**64**	**87**	ND	4.5	**26**
1,3-Dichlorobenzene		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone		NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	ND	8	ND	2.5	26	27
2-Chlorotoluene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	NR	NR	NR	NR
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetone		NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	66	63	ND	ND	100	110
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	**270**	**140**	NS	**75**	**97**	**110**	**65**	**110**	**9.9**	**110**	**15**	**22**	**10**	**9.5**	**6.8**	ND	**6**
Bromobenzene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	NS	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	NS	ND	ND	ND	ND	ND	**9.7**	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	60	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon Tetrachloride	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	NS	ND	ND	ND	ND	ND	**34**	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	NS	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	0.93	ND	ND
Chloromethane	60	ND	ND	NS	ND	ND	ND	ND	ND	**240**	ND	5.1	ND	**130**	4.3	ND	22	12
cis-1,2-Dichloroethene	5	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	**26**	**23**	**9.8**	**14**	**20**	**11**	4.7
cis-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dibromochloromethane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	**2,300**	**1,800**	NS	**1,200**	**1,200**	**1,800**	**1,100**	**1,300**	**180**	**1800**	**200**	**360**	**140**	**140**	**130**	**28**	**46**
Hexachlorobutadiene	0.5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	**110**	NS	**68**	**83**	**120**	**90**	**110**	**20**	**120**	**25**	**26**	**12**	**15**	**12**	3.2	**6.1**
m/p-Xylenes	5	**2,800**	**1,400**	NS	**1,900**	**1,100**	**930**	**1,100**	**150**	**180**	**930**	**270**	**330**	**180**	**200**	**150**	**30**	**91**
Methyl Acetate		NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl Cyclohexane		NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-butyl Ether	10	ND	ND	NS	**60**	**70**	**86**	**69**	**100**	**56**	**86**	**120**	**69**	**57**	**75**	**76**	**50**	**31**
Methylene Chloride	5	ND	ND	NS	**100**	**5.6**	4.5	**5.6**	**14**	**29**	**4.5**	4.8	**54**	**26**	ND	ND	ND	ND
Naphthalene	10	**1,700**	**460**	NS	**440**	**460**	**390**	**430**	**190**	**220**	**390**	**160**	**210**	**140**	**130**	**83**	**69**	**71**
n-Butylbenzene	5	ND	ND	NS	**30**	**36**	**33**	**42**	**27**	**9.5**	**33**	**14**	**9.3**	ND	**11**	ND	ND	**6.1**
n-Propylbenzene	5	**350**	**300**	NS	**190**	**200**	**290**	**220**	**250**	**51**	**290**	**62**	**71**	**34**	**44**	**34**	**10**	**17**
o-Xylene	5	**1,700**	**190**	NS	**680**	**290**	**89**	**250**	**30**	**35**	**89**	**72**	**20**	**23**	**34**	**20**	**6.4**	**18**
p-Isopropyltoluene		ND	ND	NS	**23**	ND	30	8.7	ND	2.2	30	2.9	ND	ND	**2.1**	**1.7**	ND	ND
sec-Butylbenzene	5	ND	ND	NS	ND	ND	**14**	**13**	**14**	3.4	**14**	4.2	ND	ND	ND	**2.9**	ND	ND
Styrene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	0.4	NR	NR	NS	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND
Tert-butyl alcohol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	NS	ND	ND	ND	ND	ND	3.7	ND	3.2	ND	**16**	**23**	**17**	**23**	**27**
Tetrachloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	**610**	ND	NS	**150**	**62**	**42**	**58**	**13**	**5.2**	**42**	**12**	ND	**7.1**	**7.0**	4.4	ND	**14**
trans-1,2-Dichloroethene	5	NR	NR	NS	NR	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropylene		ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10**	**41**	5
Trichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration		**7,680.00**	**3,530.00**	**-**	**4,005.00**	**2,749.00**	**2,971.00**	**2,573.00**	**1,603.00**	**410.10**	**2,971.00**	**569.00**	**732.00**	**360.10**	**390.50**	**311.20**	**64.40**	**175.00**
Total Chlorinated VOC Concentration		**0.00**	**0.00**	**-**	**100.00**	**5.60**	**4.50**	**5.60**	**14.00**	**321.90**	**4.50**	**40.20**	**105.00**	**181.80**	**41.30**	**47.93**	**97.00**	**48.70**
Total VOCs		**14,180.00**	**7,380.00**	**-**	**7,206.00**	**5,733.60**	**6,898.50**	**5,771.30**	**3,828.00**	**1,591.80**	**6,898.50**	**1,437.30**	**2,128.30**	**1,219.90**	**1,145.90**	**633.23**	**457.10**	**657.90**
Ferrous Iron		5.0	ND		ND	ND	ND	ND										
Persulfate		8.92	ND		ND	ND	ND	ND										

Notes:
ND - Non-Detect
NR - Not Analyzed
NS - Not Sampled
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 5
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-11

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-11																						
	µg/L	11/4/2013	11/30/2013	12/22/2013	1/30/2014	9/21/2016	12/30/2016	3/24/2017	6/27/2017	9/19/2017	12/12/2017	3/12/2018	6/18/2018	9/17/2018	12/12/2018	3/26/2019	6/26/2019	9/30/2019	12/10/2019	3/27/2020	6/30/2020	9/28/2020	6/30/2022
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	<2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	5	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	<2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	1	ND	ND	ND	ND	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.3	< 1.3	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichlorotrifluoroethane	5	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	NR	NR	NR	-	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene		ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	5	-	-	-	-	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropylene		ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene		ND	ND	ND	ND	< 1.0	< 2.0	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	< 1.0	< 0.50	< 5.0	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 5.0	< 1.3	< 0.25	< 0.25	< 0.25	< 1.0
1,2,4-Trichlorobenzene		ND	ND	ND	ND	< 1.0	< 2.0	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 1.3	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	5	**100**	**180**	**270**	**110**	**110**	**110**	**120**	**85**	**23**	**35**	**44**	**15**	2.4	**6.9**	**58**	1.5	**10**	**10**	**7.3**	3.7	1.3	< 1.0
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	< 1.0	< 1.0	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 2.5	< 2.5	< 0.50	< 0.50	< 0.50	< 1.0
1,2-Dibromoethane		ND	ND	ND	ND	< 1.0	< 0.50	< 5.0	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.50	< 1.3	< 1.3	< 0.25	< 0.25	< 0.25	< 1.0
1,2-Dichlorobenzene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 4.7	< 4.7	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	0.6	ND	ND	ND	ND	< 0.60	< 1.0	< 10	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 1.0	< 1.0	< 2.5	< 2.5	< 0.60	< 0.60	< 0.60	< 0.60
1,2-Dichloroethylene (Total)		ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	ND	ND	ND	ND	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.3	< 1.3	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	5	**22**	**31**	**47**	**13**	1.4	2.1	< 5.0	2.1	0.79	0.89	0.33	0.27	0.33	0.3	0.61	< 2.0	1.5	3.7	0.91	0.46	0.31	< 1.0
1,3-Dichlorobenzene		ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	0.55	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 3.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 200	<200	< 500	< 500	< 100	< 100	< 100	< 100
2,2-Dichloropropane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	4.8	< 1.0	< 1.0	4.2	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone		15	5.8	7.6	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Hexanone		NR	NR	NR	-	< 2.5	< 5.0	< 50	< 2.5	< 2.5	< 1.0	< 2.5	< 2.5	< 1.0	< 2.5	< 5.0	< 5.0	< 13	< 13	< 2.5	< 2.5	< 2.5	< 2.5
2-Isopropyltoluene	5	-	-	-	-	5	4.9	< 5.0	3.4	4.6	< 2.5	1.2	2.7	< 2.5	3.1	2.3	3.3	**5.4**	**5.4**	2.1	**5.5**	**6.4**	3.6
4-Chlorotoluene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Methyl-2-Pentanone		NR	NR	NR	-	< 2.5	< 5.0	< 50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 5.0	< 13	< 13	< 2.5	< 2.5	< 2.5	< 2.5
Acetone		40	13	ND	110	< 5.0	< 10	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 10	< 25	< 25	< 5.0	< 5.0	< 5.0	< 5.0
Acrolein	5	-	-	-	-	< 5.0	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	<5.0	< 13	< 13	< 5.0	< 5.0	< 5.0	< 5.0
Acrylonitrile	5	-	-	-	-	< 5.0	< 5.0	< 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
Benzene	1	ND	**2.5**	ND	**8.4**	**26**	**14**	**6.7**	**13**	**19**	**14**	**2**	**6.7**	**11**	**5.3**	**2.5**	**4.4**	**11**	**9.2**	**3.6**	**8.9**	**6.7**	**1.6**
Bromobenzene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane		ND	ND	ND	ND	< 1.0	< 2.0	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform		ND	ND	ND	ND	< 5.0	< 10	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 10	< 25	< 25	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	5	**5.4**	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	60	NR	NR	NR	-	< 1.0	< 2.0	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	5	ND	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	3.4	ND	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	ND	ND	< 5.0	< 7.0	< 7.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 7.0	< 7.0	< 7.0	< 7.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloromethane	60	9.3	3	ND	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	5	**8**	**7.9**	**5.4**	-	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethylene		-	-	-	ND	-	-	-	-	-	< 0.40	-	-	< 0.40	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	ND	ND	-	< 0.40	< 0.50	< 5.0	< 0.40	< 0.40	-	< 0.40	< 0.40	-	< 0.40	< 0.50	< 0.50	< 1.3	< 1.3	< 0.40	< 0.40	< 0.40	< 0.40
cis-1,3-Dichloropropylene		-	-	-	ND	-	-	-	-	-	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	NR	-	-	-	-	-	-	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	-	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	-	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl Benzene	5	**30**	**52**	**58**	**77**	**140**	**82**	**26**	**38**	**32**	**33**	**6.4**	**8.8**	3.9	**9.1**	**35**	4.5	**13**	**12**	**18**	**17**	3.4	< 1.0
Hexachlorobutadiene	0.5	ND	ND	ND	ND	< 0.50	< 0.50	< 4.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	5	**5.5**	**6.7**	**7.7**	**15**	**76**	**74**	**28**	**41**	**64**	**52**	**6**	**23**	**42**	**33**	**21**	**37**	**73**	**68**	**25**	**33**	**28**	**6.8**
m/p-Xylenes	5	**46**	**72**	**86**	**65**	**20**	**30**	**33**	**41**	**11**	**21**	**6.1**	**6.1**	2.2	2	**16**	1.2	**18**	**13**	**5.4**	**6.1**	3.1	< 1.0
Methyl Acetate		NR	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Cyclohexane		NR	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone		-	-	-	-	< 2.5	< 5.0	< 50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 5.0	< 13	< 13	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert-butyl Ether	10	**31**	**30**	**20**	**21**	**44**	**20**	**15**	**23**	**27**	**23**	6.7	**11**	**15**	8.7	2.5	7.5	**18**	**13**	5.4	**15**	**15**	7.1
Methylene Chloride	5	ND	ND	ND	ND	< 3.0	< 5.0	< 20	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 5.0	< 5.0	< 5.0	< 5.0	< 3.0	< 3.0	< 3.0	< 3.0
Naphthalene	10	**130**	**140**	**220**	**120**	**22**	**9**	< 20	4	1.8	8.4	3	2	3.4	< 1.0	3.6	< 2.0	8.8	**17**	2.4	2.2	2.6	< 1.0
n-Butylbenzene	5	**5.8**	ND	**6.6**	**7.6**	**22**	**21**	**7.9**	4.6	**11**	**7.6**	2.3	2.6	2.3	4.4	**7.1**	**2.4**	**5.4**	**12**	2.2	1.2	2.9	1.2
n-Propylbenzene	5	**15**	**19**	**25**	**36**	**120**	**140**	**34**	**27**	**55**	**43**	**7.9**	**9.4**	**11**	**22**	**38**	**9.7**	**32**	**92**	**16**	**13**	**12**	0.34
o-Xylene	5	**8.3**	**10**	**12**	**14**	1.9	2.3	< 5.0	1.2	1.3	2	1.7	1	0.54	1.2	**15**	0.51	2.3	2.5	2.6	1.1	0.61	< 1.0
p-Isopropyltoluene		**5**	ND	ND	**7**	2	2.7	< 5.0	1.2	1.3	1.2	0.79	< 1.0	< 1.0	0.99	**2**	< 2.0	< 5.0	< 5.0	0.26	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	5	ND	ND	ND	4.5	**24**	**18**	**9.9**	**11**	**18**	**12**	2.7	**6.5**	**12**	**10**	**8.4**	**12**	**21**	**20**	**8.3**	**15**	**18**	**9.3**
Styrene	5	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
t-1,3-Dichloropropene	0.4	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol		-	-	-	-	-	-	-	-	-	-	35	99	120	56	< 100	57	140	85	18	110	120	53
tert-Butylbenzene	5	**11**	ND	ND	ND	1.5	1.7	< 5.0	1.2	1.5	1.4	0.52	0.96	1.3	1	0.83	1.2	1.9	1.8	0.8	1.6	2.2	1.2
Tetrachloroethene	5	**27**	**24**	**15**	-	< 1.0	< 2.0	< 5.0	0.26	< 1.0	-	0.46	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene		-	-	-	8.5	-	< 10	-	-	-	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-	-	< 5.0	-	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 10	< 25	< 25	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	5	ND	ND	ND	ND	2.6	1.8	< 5.0	1.5	1.7	1.5	0.48	0.42	0.31	0.45	2.2	< 2.0	2.2	1.5	1.7	0.72	0.43	< 1.0
trans-1,2-Dichloroethene	5	ND	ND	ND	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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-1,2-Dichloroethylene		-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	< 0.40	< 0.50	< 5.0	< 0.40	< 0.40		< 0.40	< 0.40	< 0.40	< 0.50	< 0.50	< 1.3	< 1.3	< 0.40	< 0.40	< 0.40	< 0.40
trans-1,3-Dichloropropylene		ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	< 2.5	< 5.0	< 50	< 2.5	< 2.5	< 0.40	< 2.5	< 2.5	< 2.5	< 5.0	< 5.0	< 13	< 13	< 2.5	< 2.5	< 2.5	< 2.5
Trichloroethene	5	ND	ND	ND	ND	-	0.77	< 2.0	< 5.0	0.57	0.58	< 2.5	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene		-	-	-	-	ND	-	-	-	-	-	0.46	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	-	< 1.0
Trichlorotrifluoroethane		-	-	-	-	-	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Acetate		-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-
Vinyl Chloride	2	ND	ND	ND	ND	ND	< 1.0	< 2.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	<2.0	<2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
Total BTEX Concentration		**84.30**	**136.50**	**156.00**	**164.40**	**190.50**	**130.10**	**65.70**	**94.70**	**65.00**	**71.50**	**16.68**	**23.02**	**17.95**	**18.05**	**70.70**	**10.61**	**46.50**	**38.2**	**31.30**	**33.82**	**14.24**	**1.60**
Total Chlorinated VOC Concentration		**47.70**	**34.90**	**20.40**	**8.00**	**0.00**	**0.77**	**0.00**	**0.26**	**0.57**	**5.93**	**0.92**	**0.00**	**4.20**	**0.00**	**0.00**	**0.00**	**0.00**	**0**	**0.00**	**0.00**	**0.00**	**0.00**
Total VOCs		**517.70**	**596.90**	**780.30**	**666.00**	**618.40**	**534.27**	**280.50**	**298.46**	**273.56**	**261.92**	**128.04**	**195.45**	**231.88**	**164.44**	**215.04**	**85.21**	**363.50**	**366.1**	**119.97**	**234.48**	**222.95**	**84.14**

Ferrous Iron
Persulfate

Notes:
ND - Non-Detect
NR - Not Analyzed
NS - Not Sampled
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater St

TABLE 6
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-13

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-13														
		9/29/2009	12/15/2009	2/5/2010	6/4/2010	10/1/2010	12/15/2010	3/29/2011	7/29/2011	9/28/2011	12/13/2011	3/21/2012	6/30/2012	10/31/2012	1/29/2013	3/29/2013
	µg/L	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
1,1-Dichloroethylene		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropylene		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**1,500**	**370**	**626**	**930**	**1,100**	**1,900**	NS	**260**	**4.2**	**1,900**	**100**	**28**	ND	**680**	**120**
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (Total)		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	**340**	**99**	**127**	**200**	**380**	**450**	NS	**76**	ND	**450**	**26**	**6**	ND	**160**	**32**
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone		NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	**8.5**	**300**	**49**	**3.2**
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	ND	NR	NR	NR	NR
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Acetone		NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	**50**	**660**	ND	ND
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	ND	ND	**14**	**12**	**53**	**66**	NS	**5**	**5**	**66**	**1**	**2**	ND	**20**	**1.3**
Bromobenzene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	NS	ND	**6.4**	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	**56**	ND	ND	NS	ND	**2.3**	ND	ND	ND	**18**	**2.7**	ND
Carbon Disulfide	60	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	**48**	ND	ND	NS	ND	**1.2**	ND	ND	ND	**47**	**7.8**	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**4.7**	ND	ND
Chloromethane	60	ND	ND	ND	**360**	**21**	ND	NS	ND	**51**	ND	**7.7**	ND	**370**	**33**	**0.81**
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	**570**	ND	**253**	**420**	**310**	**690**	NS	**58**	ND	**690**	**17**	**15**	ND	**210**	**34**
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	**53**	ND	**21.2**	**37**	**37**	**58**	NS	**8.3**	ND	ND	**3.5**	**2.2**	ND	**35**	**4.8**
m/p-Xylenes	5	**2,200**	**560**	**957**	**1,500**	**1,100**	**2,600**	NS	**300**	ND	**2600**	**63**	**38**	ND	**590**	**120**
Methyl Acetate		NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Methyl Cyclohexane		NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-butyl Ether	10	ND	ND	ND	ND	**32**	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	**20.9**	**64**	**32**	**4.8**	NS	**13**	**16**	**5**	**6**	**8**	**39**	ND	ND
Naphthalene	10	**280**	ND	**140**	**260**	**210**	**400**	NS	**43**	ND	**400**	**16**	**4.7**	ND	**170**	**23**
n-Butylbenzene	5	ND	ND	**35.3**	**21**	**36**	**38**	NS	**9.9**	ND	**38**	**3.5**	**0.85**	ND	**32**	ND
n-Propylbenzene	5	**150**	ND	**74.6**	**110**	**90**	**160**	NS	**20**	ND	**160**	**11**	**4.5**	ND	**98**	**14**
o-Xylene	5	**940**	**200**	**357**	**490**	**670**	**1000**	NS	**120**	ND	**1,000**	**31**	**21**	ND	**260**	**37**
p-Isopropyltoluene		ND	ND	**17.1**	ND	ND	ND	NS	**2.4**	ND	ND	ND	**2.2**	ND	**6.3**	ND
sec-Butylbenzene	5	ND	ND	**10.5**	**6.4**	ND	ND	NS	**2.8**	ND	ND	**1.1**	ND	ND	**9.5**	ND
Styrene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	0.4	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	ND	ND	ND	ND	ND
Tert-Butyl Alcohol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butylbenzene	5	ND	ND	ND	ND	ND	**210**	NS	ND	ND	**210**	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	**160**	**220**	**341**	**190**	**140**	**430**	NS	**68**	ND	**430**	**11**	**7.8**	ND	**89**	**12**
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropylene		ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration		**3,870.00**	**980.00**	**1,922.00**	**2,612.00**	**2,273.00**	**4,786.00**	**0.00**	**550.90**	**5.20**	**4,786.00**	**123.10**	**83.60**	**0.00**	**1,169.00**	**204.30**
Total Chlorinated VOC Concentration		**0.00**	**0.00**	**20.90**	**472.00**	**53.00**	**4.80**	**0.00**	**13.00**	**74.60**	**4.80**	**13.20**	**7.90**	**460.70**	**40.80**	**0.81**
Total VOCs		**6,193.00**	**1,449.00**	**2,994.60**	**4,704.40**	**4,211.00**	**8,006.80**	**0.00**	**986.30**	**86.30**	**7,948.80**	**297.40**	**198.55**	**1,438.70**	**2,452.30**	**402.11**

Ferrous Iron	ND	ND	-	-	-	-	-
Persulfate	ND	ND	ND	ND	-	ND	-

Notes:
ND - Non-Detect
NR - Not Analyzed
NS - Not Sampled
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 6
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-13

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-13																		
		6/2/2013	9/18/2013	9/21/2016	12/30/2016	3/24/2017	6/27/2017	9/19/2017	12/12/2017	3/21/2018	6/18/2018	9/17/2018	12/12/2018	3/26/2019	6/26/2019	9/30/2019	12/10/2019	3/27/2020	6/30/2020	9/28/2020
	µg/L	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	<1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
1,1,1-Trichloroethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
1,1,2-Trichloroethane	1	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0
1,1,2-Trichlorotrifluoroethane	5	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	NR	NR	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
1,1-Dichloroethylene		ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	5	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
1,1-Dichloropropylene		ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene		ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0
1,2,3-Trichloropropane	0.04	ND	ND	< 1.0	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 5.0	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.25	< 0.25	< 2.5	< 0.50
1,2,4-Trichlorobenzene		ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0
1,2,4-Trimethylbenzene	5	**51**	ND	**17**	**10**	**580**	< 1.0	**22**	**7.2**	< 1.0	**1,500**	**8.4**	**380**	**7.3**	< 1.0	**2.5**	**14**	**17**	**230**	**5.8**
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 10	< 0.50	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 1.0
1,2-Dibromoethane		ND	ND	< 1.0	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 5.0	< 0.25	< 0.50	< 0.50	< 0.25	< 0.25	< 0.25	< 0.25	< 2.5	< 0.50
1,2-Dichlorobenzene	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.7	< 2.0
1,2-Dichloroethane	0.6	ND	ND	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 10	< 0.60	< 1.0	< 1.0	< 0.60	< 0.60	< 0.60	< 0.60	< 5.0	< 1.0
1,2-Dichloroethylene (Total)		ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0
1,3,5-Trimethylbenzene	5	**13**	ND	**0.68**	< 1.0	**68**	< 1.0	< 1.0	< 1.0	< 1.0	**400**	< 1.0	< 2.0	**1.3**	< 1.0	< 1.0	**1.1**	**0.91**	**12**	**0.77**
1,3-Dichlorobenzene		ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1**	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 2.0
1,3-Dichloropropane	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
1,4-Dichlorobenzene	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
1,4-dioxane		-	-	-	-	-	-	-	-	< 100	< 2000	< 100	< 200	< 200	<100	< 100	< 100	< 100	< 1000	< 200
2,2-Dichloropropane	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**0.61**	< 2.0	< 2.0	<1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
2-Butanone		**50**	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
2-Hexanone		NR	NR	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 1.0	< 2.5	< 50	< 1.0	< 5.0	< 5.0	< 2.5	< 2.5	< 2.5	< 2.5	< 25	< 5.0
2-Isopropyltoluene	5	-	-	< 1.0	< 1.0	**1.8**	< 1.0	< 1.0	< 2.5	< 1.0	< 5.0	< 2.5	< 2.0	**0.75**	< 1.0	< 1.0	**1.5**	**1.6**	< 5.0	**1.1**
4-Chlorotoluene	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
4-Methyl-2-Pentanone		NR	NR	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50	< 2.5	< 5.0	< 5.0	< 2.5	< 2.5	< 2.5	< 2.5	< 25	< 5.0
Acetone		**220**	**3.3**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**2.9**	**3.1**	< 50	< 5.0	< 10	< 10	**2.6**	**19**	< 5.0	< 5.0	< 50	< 10
Acrolein	5	-	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 5.0	< 5.0	< 5.0	<5.0	< 5.0	< 5.0	< 5.0	< 25	< 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
Benzene	1	**7.9**	ND	**1.4**	< 0.70	**1.6**	< 0.70	**0.88**	**0.79**	< 0.70	**7.6**	**0.59**	**1.2**	**6.5**	< 0.70	**0.37**	**2**	**2.5**	**35**	**1.5**
Bromobenzene	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Bromochloromethane	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Bromodichloromethane		ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0
Bromoform		ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 5.0	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 10
Bromomethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	60	NR	NR	< 1.0	< 1.0	**0.54**	< 1.0	< 1.0	< 1.0	< 1.0	**8**	< 1.0	< 2.0	< 2.0	< 1.0	**1.5**	< 1.0	< 1.0	< 10	< 2.0
Carbon Tetrachloride	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Chlorobenzene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 7.0	< 5.0	< 7.0	< 7.0	< 5.0	< 5.0	< 5.0	< 5.0	< 7.0	< 7.0
Chloromethane	60	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
cis-1,2-Dichloroethylene		-	-	-	-	-	-	-	< 0.40	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	ND	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	-	< 0.40	< 5.0	< 0.40	< 0.50	< 0.50	< 0.40	< 0.40	< 0.40	< 0.40	< 2.5	< 0.50
cis-1,3-Dichloropropylene		-	-	-	-	-	-	-	< 1.0	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	-	-	-	-	-	< 1.0	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0
Dibromomethane	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	-	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Dichlorodifluoromethane	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	-	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Ethyl Benzene	5	**35**	ND	**7**	**2.7**	**100**	< 1.0	**6.4**	**5.9**	< 1.0	**410**	**4.3**	**110**	**8.9**	< 1.0	**2.1**	**6.7**	**13**	**75**	**3.1**
Hexachlorobutadiene	0.5	ND	ND	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 4.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
Isopropylbenzene	5	ND	ND	**1**	**0.44**	**22**	< 1.0	**0.43**	**0.96**	< 1.0	**59**	**2.4**	**19**	**3.6**	< 1.0	< 1.0	**7.4**	**9.5**	**7.3**	**5.4**
m/p-Xylenes	5	**130**	ND	**3.6**	**3.8**	**210**	< 1.0	**38**	**6**	< 1.0	**1,900**	**3.5**	**98**	**8.1**	< 1.0	**1.1**	**6.6**	**10**	**71**	**4.1**
Methyl Acetate		NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Cyclohexane		NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone		-	-	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50	< 2.5	< 5.0	< 5.0	< 2.5	**4.8**	< 2.5	< 2.5	< 25	< 5.0
Methyl tert-butyl Ether	10	**5.3**	ND	**3.6**	< 1.0	< 1.0	< 1.0	**0.44**	**1.5**	< 1.0	< 20	< 1.0	**1.9**	**1.4**	< 1.0	**3.2**	**0.87**	**0.68**	**6.6**	**0.83**
Methylene Chloride	5	**5.1**	ND	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 10	< 3.0	< 5.0	< 5.0	< 3.0	< 3.0	< 3.0	< 3.0	< 5.0	< 5.0
Naphthalene	10	**11**	ND	**3.1**	< 1.0	**51**	< 1.0	**3.7**	< 1.0	< 1.0	**210**	**1.3**	**50**	**2**	< 1.0	< 1.0	< 1.0	**3.1**	< 1.0	**45**	< 2.0
n-Butylbenzene	5	ND	ND	**0.49**	< 1.0	**14**	< 1.0	**0.27**	**0.25**	< 1.0	**34**	**1.4**	**5**	**0.77**	< 1.0	< 1.0	**1.2**	**0.67**	< 5.0	**2.4**
n-Propylbenzene	5	**5.2**	ND	**2.7**	**1.5**	**70**	< 1.0	**1**	**2.4**	< 1.0	**180**	**3.2**	**56**	**2.2**	< 1.0	**0.3**	**5.6**	**4**	**13**	**6.1**
o-Xylene	5	**37**	ND	**3**	**2.6**	**67**	< 1.0	**22**	**1.8**	< 1.0	**370**	**0.56**	**42**	**1.7**	< 1.0	**0.65**	**0.7**	**1**	**9.7**	< 2.0
p-Isopropyltoluene		ND	ND	< 1.0	< 1.0	**4.2**	< 1.0	**0.31**	< 1.0	< 1.0	**8.9**	**0.41**	**0.69**	< 2.0	< 1.0	< 1.0	**0.95**	**0.64**	3	**1.2**
sec-Butylbenzene	5	ND	ND	**0.41**	< 1.0	**8.1**	< 1.0	< 1.0	**0.29**	< 1.0	**18**	**2.6**	**3.8**	**2.4**	< 1.0	< 1.0	**6.2**	**6.8**	**5**	**4.8**
Styrene	5	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
t-1,3-Dichloropropene	0.4	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol		-	-	-	-	-	-	-	-	< 50	< 1000	< 50	< 100	< 100	<50	< 50	< 50	< 50	< 500	< 100
Tert-Butylbenzene	5	ND	ND	< 1.0	< 1.0	**0.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	**0.5**	**0.65**	< 5.0	< 2.0
Tetrachloroethene	5	ND	ND	< 1.0	< 1.0	< 1.0	**0.41**	< 1.0	-	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	**0.27**	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Tetrachloroethylene		-	-	-			-	-	< 1.0	-	-	-	-	-	-	-	-	-	-	
Tetrahydrofuran (THF)		-	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 5.0	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 10
Toluene	5	**23**	ND	< 1.0	**0.27**	**7.5**	< 1.0	**2.8**	**0.6**	< 1.0	**91**	< 1.0	**4.7**	**1.5**	< 1.0	< 1.0	**0.57**	**0.75**	**8.9**	< 2.0
trans-1,2-Dichloroethene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 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-1,2-Dichloroethylene		-	-	-																
trans-1,3-Dichloropropene	0.4	-	-	-	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 5.0	< 0.40	< 0.50	< 0.50	< 0.40	< 0.40	< 0.40	< 0.40	< 2.5	< 0.50
trans-1,3-Dichloropropylene		ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-dichloro-2-butene	5	-	-	-	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 50	< 2.5	< 5.0	< 5.0	< 2.5	< 2.5	< 2.5	< 2.5	< 25	< 5.0
Trichloroethene	5	ND	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Trichloroethylene		-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	
Trichlorofluoromethane	5	ND	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	-
Trichlorotrifluoroethane		-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 2.0
Vinyl Chloride	2	ND	ND	ND	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 2.0	< 2.0	<1.0	<1.0	< 1.0	< 1.0	< 2.5	< 2.0
Total BTEX Concentration		**232.90**	**0.00**	**15.00**	**9.37**	**386.10**	**0.00**	**70.08**	**15.09**	**0.00**	**2,778.60**	**8.95**	**255.90**	**26.70**	**0.00**	**4.22**	**16.57**	**27.25**	**199.60**	**8.70**
Total Chlorinated VOC Concentration		**5.10**	**0.00**	**0.00**	**0.00**	**0.00**	**0.41**	**0.00**	**1.00**	**0.00**	**0.00**	**0.61**	**0.00**	**0.00**	**0.27**	**0.00**	**0**	**0.00**	**0.00**	**0.00**
Total VOCs		**593.50**	**3.30**	**43.98**	**21.31**	**1,206.34**	**0.41**	**98.23**	**31.59**	**3.10**	**5,196.50**	**29.27**	**772.29**	**48.42**	**2.87**	**35.52**	**58.99**	**69.70**	**521.50**	**37.10**

Ferrous Iron
Persulfate

Notes:
ND - Non-Detect
NR - Not Analyzed
NS - Not Sampled
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Stan

TABLE 7
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-14

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-14															
		6/4/2010	10/1/2010	12/15/2010	3/29/2011	7/29/2011	9/28/2011	12/12/2011	3/29/2012	6/29/2012	10/31/2012	1/29/2013	3/29/2013	6/3/2013	9/19/2013	11/4/2013	11/30/2013
	µg/L	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**1.6**	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	NS	NS	ND	ND	1.2	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
1,1-Dichloroethylene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropylene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**4,700**	NS	NS	**2,000**	**1,800**	ND	**1,200**	NS	**1,100**	**860**	**600**	**790**	**1,400**	**1,800**	**99**	**1,000**
1,2-Dibromo-3-Chloropropane	0.04	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**31**	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	NS	NS	ND	ND	**14**	**29**	NS	ND	ND	**13**	ND	ND	ND	ND	ND
1,2-Dichloroethylene (Total)		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	**1,100**	NS	NS	**470**	**430**	ND	**330**	NS	**250**	**200**	**160**	**150**	**320**	**460**	ND	**150**
1,3-Dichlorobenzene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone		NR	NR	NR	NR	NR	NR	NR	NS	150	280	52	32	220	130	100	21
2-Chlorotoluene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	100	ND	ND	ND	ND	ND
2-Hexanone		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
2-Isopropyltoluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**34**	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Acetone		NR	NR	NR	NR	NR	NR	NR	NS	11	420	80	38	570	230	140	37
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	**1,000**	NS	NS	**1,200**	**690**	**220**	**710**	NS	**680**	**280**	**400**	**130**	**620**	**930**	**230**	**170**
Bromobenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**17**	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	1.7	ND	ND	ND	ND	ND
Bromoform		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	NS	NS	ND	ND	**7.2**	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	60	NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Carbon Tetrachloride	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	NS	NS	ND	ND	0.85	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	NS	NS	ND	ND	**23**	ND	NS	**23**	ND	2.8	ND	ND	ND	ND	ND
Chloroform	7	ND	NS	NS	ND	ND	1.3	ND	NS	ND	ND	2.5	ND	ND	ND	ND	ND
Chloromethane	60	ND	NS	NS	ND	ND	**110**	**110**	NS	ND	**45**	3.3	ND	ND	ND	ND	2.9
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Dibromochloromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	**3,300**	NS	NS	**1,600**	**1,200**	ND	**1,100**	NS	**1,000**	**570**	**530**	**480**	**920**	**1,000**	**200**	**300**
Hexachlorobutadiene	0.5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	**170**	NS	NS	**74**	**64**	ND	**53**	NS	**38**	**28**	**46**	**17**	ND	**50**	ND	**13**
m/p-Xylenes	5	**11,000**	NS	NS	**6,000**	**67**	**68**	**3,100**	NS	**3,500**	**2700**	**1,600**	**1,700**	**3,600**	**4,000**	**320**	**1,400**
Methyl Acetate		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Methyl Cyclohexane		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-butyl Ether	10	ND	NS	NS	**66**	**13**	**20**	**100**	NS	**150**	**100**	**53**	**41**	ND	**110**	**39**	**26**
Methylene Chloride	5	**260**	NS	NS	**5.1**	**510**	**36**	**60**	NS	**8.2**	ND	ND	ND	**460**	ND	ND	ND
Naphthalene	10	**910**	NS	NS	**610**	**36**	ND	**470**	NS	**410**	**310**	**200**	**180**	**460**	**500**	**350**	**170**
n-Butylbenzene	5	**210**	NS	NS	**41**	**150**	ND	**25**	NS	ND	ND	**29**	ND	ND	ND	ND	ND
n-Propylbenzene	5	**500**	NS	NS	**160**	**530**	ND	**130**	NS	**94**	**63**	**110**	**43**	ND	**110**	**27**	**30**
o-Xylene	5	**4,100**	NS	NS	**2,000**	**3,900**	ND	**1,100**	NS	**690**	**580**	**480**	**530**	**940**	**980**	**110**	**360**
p-Isopropyltoluene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	5.6	2.9	ND	ND	ND	**2.6**
sec-Butylbenzene	5	ND	NS	NS	ND	**9.9**	ND	ND	NS	ND	ND	**8.0**	ND	ND	ND	ND	**3.2**
Styrene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**18**	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	0.4	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tert-butyl alcohol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**73**	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	**7,900**	NS	NS	**3,800**	**810**	0.96	**1,300**	NS	**980**	**580**	**600**	**640**	**1,600**	**1,500**	**320**	**590**
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropylene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	ND	NS	NS	ND	ND	ND	**8.2**	NS	ND	ND	**7.8**	ND	ND	ND	ND	ND
Trichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration		**27,300.00**	**0.00**	**0.00**	**14,600.00**	**6,667**	**288.96**	**7,310.00**	**0.00**	**6,850.00**	**4,710.00**	**3,610.00**	**3,480.00**	**7,680.00**	**8,410.00**	**1,180.00**	**2,820**
Total Chlorinated VOC Concentration		**260.00**	**0.00**	**0.00**	**5.10**	**510.00**	**186.35**	**207.20**	**0.00**	**31.20**	**45.00**	**163.70**	**0.00**	**460.00**	**0.00**	**0.00**	**2.90**
Total VOCs		**35,150.00**	**0.00**	**0.00**	**18,026.10**	**10,209.90**	**502.51**	**9,825.20**	**0.00**	**9,084.20**	**7,016.00**	**5,259.30**	**4,773.90**	**11,110.00**	**11,800.00**	**1,935.00**	**4,275.70**

Ferrous Iron		-	-	-	-
Persulfate		ND	-	-	ND

Notes:
ND - Non-Detect
NR - Not Analyzed
NS - Not Sampled
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

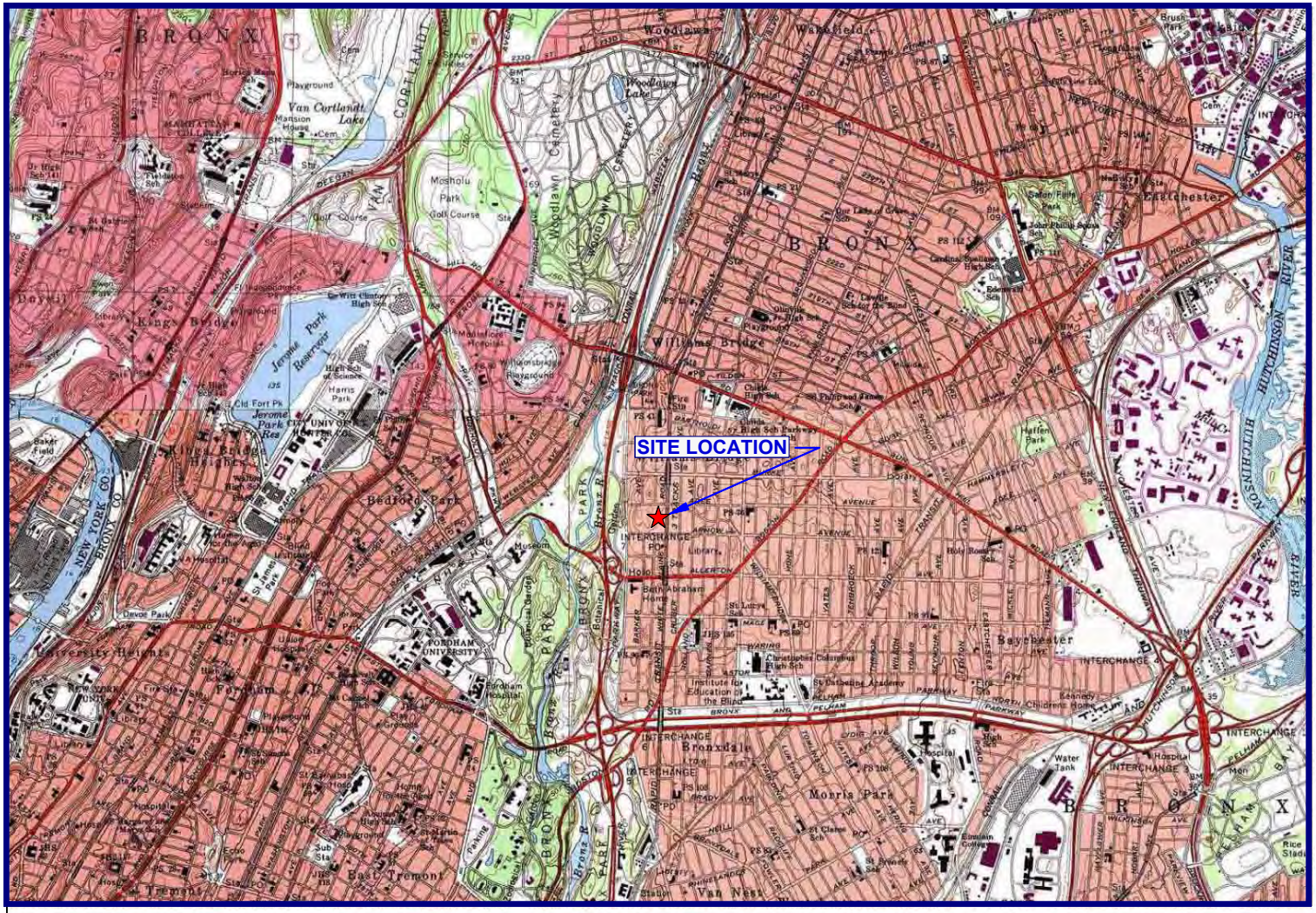
TABLE 7
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-14

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-14																			
		12/22/2013	1/30/2014	9/21/2016	12/30/2016	3/24/2017	6/27/2017	9/19/2017	12/12/2017	3/21/2018	6/18/2018	9/17/2018	12/12/2018	3/26/2019	6/26/2019	9/30/2019	12/10/2019	3/27/2020	6/30/2020	9/28/2020	6/30/2022
	µg/L	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	<5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25
1,1,2,2-Tetrachloroethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	1	ND	ND	< 5.0	< 2.5	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 2.5	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichlorotrifluoroethane	5	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25
1,1-Dichloroethene	5	NR	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethylene		ND	ND	-		-			-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	5	-	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropylene		ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene		ND	ND	< 20	< 10	< 20	< 20	< 20	< 20	-	< 20	< 20	< 20	< 20	< 10	< 250	< 1.0	< 20	< 20	< 20	< 5.0
1,2,3-Trichloropropane	0.04	ND	ND	< 20	< 2.5	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 2.5	< 63	< 0.25	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene		ND	ND	< 20	< 10	< 20	< 20	< 20	< 20	-	< 20	< 20	< 20	< 20	< 10	< 250	< 1.0	< 20	< 20	< 20	< 5.0
1,2,4-Trimethylbenzene	5	**360**	**1100**	**2,300**	**2,400**	**3,300**	**2,900**	**1,000**	**1,700**	-	**2,600**	**2,500**	**2,500**	**3,300**	**1,500**	**1,400**	**14**	**2,600**	**2,100**	**640**	**280**
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	< 20	< 5.0	< 10	< 10	< 10	< 10	-	< 10	< 10	< 10	< 10	< 5.0	< 130	< 0.50	< 10	< 10	< 10	< 5.0
1,2-Dibromoethane		ND	ND	< 20	< 2.5	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 2.5	< 63	< 0.25	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	5	ND	ND	< 5.0	< 4.7	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 4.7	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	0.6	ND	ND	< 10	< 5.0	< 10	< 10	< 10	< 10	-	< 10	< 10	< 10	< 10	<5.0	< 130	< 0.60	< 10	< 10	< 10	< 3.0
1,2-Dichloroethylene (Total)		ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	ND	ND	< 5.0	< 2.5	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 2.5	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	5	**28**	**290**	**310**	**630**	**850**	**730**	**270**	**570**	-	**690**	**500**	**570**	**560**	**230**	**200**	1.1	**340**	**520**	**220**	**33**
1,3-Dichlorobenzene		ND	ND	< 5.0	< 3.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 3.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-dioxane	-	-	-	-	-	-	-	-	-	-	< 2000	< 2000	< 2000	< 2000	<2000	< 25000	< 100	< 2000	< 2000	< 2000	< 500
2,2-Dichloropropane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	<5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
2-Butanone		ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
2-Hexanone		NR	-	< 50	< 25	< 50	< 50	< 50	< 5.0	-	< 50	< 5.0	< 50	< 50	< 25	< 130	< 2.5	< 50	< 50	< 50	< 13
2-Isopropyltoluene	5	-	-	< 5.0	3.9	< 5.0	5	< 5.0	< 50	-	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 63	**1.5**	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-Pentanone		NR	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 25	< 130	< 2.5	< 50	< 50	< 50	< 13
Acetone		ND	490	200	95	77	< 50	66	< 50	-	< 50	< 50	< 50	< 50	< 50	< 500	< 5.0	< 50	< 50	< 50	< 25
Acrolein	5	-	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	<50	< 630	< 5.0	< 50	< 50	< 50	< 25
Acrylonitrile	5	-	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 5.0	< 5.0	< 5.0	< 5.0	<5.0	< 130	< 5.0	< 5.0	< 5.0	< 5.0	< 25
Benzene	1	**4.3**	**160**	**460**	**510**	**800**	**580**	**160**	**440**	-	**380**	**390**	**340**	**140**	**89**	**130**	**2**	**94**	**75**	**76**	**9.6**
Bromobenzene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Bromochloromethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane		ND	ND	< 20	< 10	< 20	< 20	< 20	< 20	-	< 20	< 20	< 20	< 20	< 10	< 63	< 1.0	< 20	< 20	< 20	< 5.0
Bromoform		ND	ND	< 50	< 50	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 50	< 63	< 5.0	< 50	< 50	< 50	< 25
Bromomethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**91**	< 5.0	< 5.0	< 5.0	< 5.0	< 25
Carbon Disulfide	60	NR	-	34	20	19	13	10	11	-	< 20	< 20	< 20	< 20	< 10	< 63	< 1.0	< 20	< 20	< 20	< 5.0
Carbon Tetrachloride	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25
Chloroethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25
Chloroform	7	ND	ND	< 5.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	-	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 63	< 5.0	< 7.0	< 7.0	< 7.0	< 25
Chloromethane	60	6.2	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25
cis-1,2-Dichloroethene	5	ND	-	**6**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	-	-	ND	-	-	-	-	-	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		ND	-	< 5.0	< 2.5	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0	< 5.0	< 5.0	< 2.5	< 63	< 0.40	< 5.0	< 5.0	< 5.0	< 2.0
cis-1,3-Dichloropropylene	-	-	ND	-	-	-	-	-	< 20	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		NR	-	-	-	-	-	-	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	5	ND	ND	< 20	< 10	< 20	< 20	< 20	< 5.0	-	< 20	< 20	< 20	< 20	< 10	< 63	< 1.0	< 20	< 20	< 20	< 5.0
Dibromomethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Dichlorodifluoromethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethyl Benzene	5	**120**	**680**	**1,300**	**1,400**	**1,900**	**1,700**	**580**	**830**	-	**1,400**	**1,600**	**1,600**	**2,200**	**1,000**	**900**	**6.7**	**1,500**	**1,400**	**490**	**100**
Hexachlorobutadiene	0.5	ND	ND	< 4.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	-	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 50	< 0.50	< 4.0	< 4.0	< 4.0	< 2.5
Isopropylbenzene	5	**22**	ND	**34**	**82**	**80**	**96**	**25**	**68**	-	**78**	**67**	**77**	**89**	**53**	< 63	**7.4**	**60**	**80**	**41**	**5.2**
m/p-Xylenes	5	**87**	**2400**	**6,800**	**5,500**	**8,600**	**7,200**	**3,200**	**3,800**	-	**6,100**	**7,400**	**6100**	**6800**	**2,800**	**2,800**	**6.6**	**4,400**	**3,600**	**1,200**	**280**
Methyl Acetate		NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Cyclohexane		NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone		-	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 25	< 500	< 2.5	< 50	< 50	< 50	< 13
Methyl tert-butyl Ether	10	**34**	ND	**74**	**94**	**120**	**77**	**49**	**91**	-	**32**	**29**	**13**	5.2	**7.7**	< 250	0.87	7.5	**6.6**	**13**	4.5
Methylene Chloride	5	ND	**73**	< 20	< 10	< 20	< 20	< 20	< 20	-	< 10	< 10	< 10	< 10	< 5.0	< 130	< 3.0	< 10	< 10	< 10	< 15
Naphthalene	10	**140**	**280**	**480**	**560**	**760**	**680**	**200**	**550**	-	**590**	**470**	**560**	**900**	**480**	**440**	3.1	**600**	**720**	**400**	**150**
n-Butylbenzene	5	**10**	ND	**8**	**18**	**20**	**29**	**9.2**	**17**	-	**24**	**15**	**16**	**18**	**13**	< 63	1.2	**10**	**19**	**7.2**	2.6
n-Propylbenzene	5	**57**	**130**	**81**	**210**	**210**	**270**	**59**	**150**	-	**190**	**150**	**190**	**240**	**120**	**86**	**5.6**	**140**	**220**	**92**	**14**
o-Xylene	5	**7.7**	**850**	**1,500**	**1,500**	**2,300**	**1,900**	**790**	**1,100**	-	**1,400**	**1,400**	**1,200**	**730**	**300**	**350**	0.7	**500**	**480**	**330**	**66**
p-Isopropyltoluene		ND	ND	< 5.0	**9**	**10**	**10**	< 5.0	**9.8**	-	**11**	**6.2**	**8.4**	**9.8**	**7.5**	< 63	0.95	< 5.0	**7.9**	< 5.0	< 5.0
sec-Butylbenzene	5	**5.4**	ND	< 5.0	**18**	**17**	**21**	**7.4**	**16**	-	**16**	**12**	**14**	**15**	**8.6**	< 63	**6.2**	**8.6**	**14**	< 5.0	< 5.0
Styrene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
t-1,3-Dichloropropene	0.4	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol	-	-	-	-	-	-	-	-	-	-	< 1000	< 1000	< 1000	< 1000	<1000	< 13000	< 50	< 1000	< 1000	< 1000	53
tert-Butylbenzene	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	0.5	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	5	**19**	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethylene	-	-	ND	-	-	-	-	-	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran (THF)	-	-	-	< 50	< 50	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 50	< 310	< 5.0	< 50	< 50	< 50	< 25
Toluene	5	ND	**980**	**2,300**	**2,200**	**3,800**	**2,900**	**1,100**	**1,900**	-	**1,400**	**1,500**	**1,400**	**790**	**250**	**370**	0.57	**360**	**260**	**260**	**36**
trans-1,2-Dichloroethene	5	ND	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25
trans-1,2-Dichloroethylene	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	< 5.0	< 2.5	< 2.5	< 5.0	< 5.0	< 5.0	-	< 5.0	< 50	< 5.0	< 5.0	< 2.5	< 63	< 0.40	< 5.0	< 5.0	< 5.0	< 2.0
trans-1,3-Dichloropropylene		ND	ND	-	-	-	-	-	-	-	-	< 5.0	< 50	< 50	< 25	-	-	-	-	-	-
trans-1,4-dichloro-2-butene	5	-	-	< 50	< 25	< 25	< 50	< 50	< 50	-	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 630	< 2.5	< 50	< 50	< 50	< 13
Trichloroethene	5	ND	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethylene	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	5	ND	ND	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	< 1.0	< 5.0	< 5.0	-	< 5.0
Trichlorotrifluoroethane	-	-	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	-	< 5.0	< 5.0	<5.0	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Acetate		-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-
Vinyl Chloride	2	ND	ND	< 5.0	< 2.5	< 2.5	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	<2.5	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Total BTEX Concentration		**219.00**	**5,070.00**	**12,360.00**	**11,110.00**	**17,400.00**	**14,280.00**	**5,830.00**	**8,070.00**	**0.00**	**10,680.00**	**12,290.00**	**10,640.00**	**10,660.00**	**4,439.00**	**4,550.00**	**16.57**	**6854.00**	**5815.00**	**2356.00**	**491.60**
Total Chlorinated VOC Concentration		**25.20**	**73.00**	**6.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0**	**0.00**	**0.00**	**0.00**	**0.00**
Total VOCs		**900.60**	**7,433.00**	**15,887.00**	**15,249.90**	**22,863.00**	**19,111.00**	**7,525.60**	**11,252.80**		**14,911.00**	**16,039.20**	**14,588.40**	**15,797.00**	**6,858.80**	**6,767.00**	**58.99**	**10620.10**	**9502.50**	**3769.20**	**1033.90**

Ferrous Iron
Persulfate

Notes:
ND - Non-Detect
NR - Not Analyzed
NS - Not Sampled
RL - Reporting Level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Stan

FIGURES



0 .5 1 MILES

1000 0 1000 2000 3000 4000 5000 FEET

1 .5 0 .5 1 KILOMETERS

1000 0 METERS 1000

MN 13° T

10/02/08

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

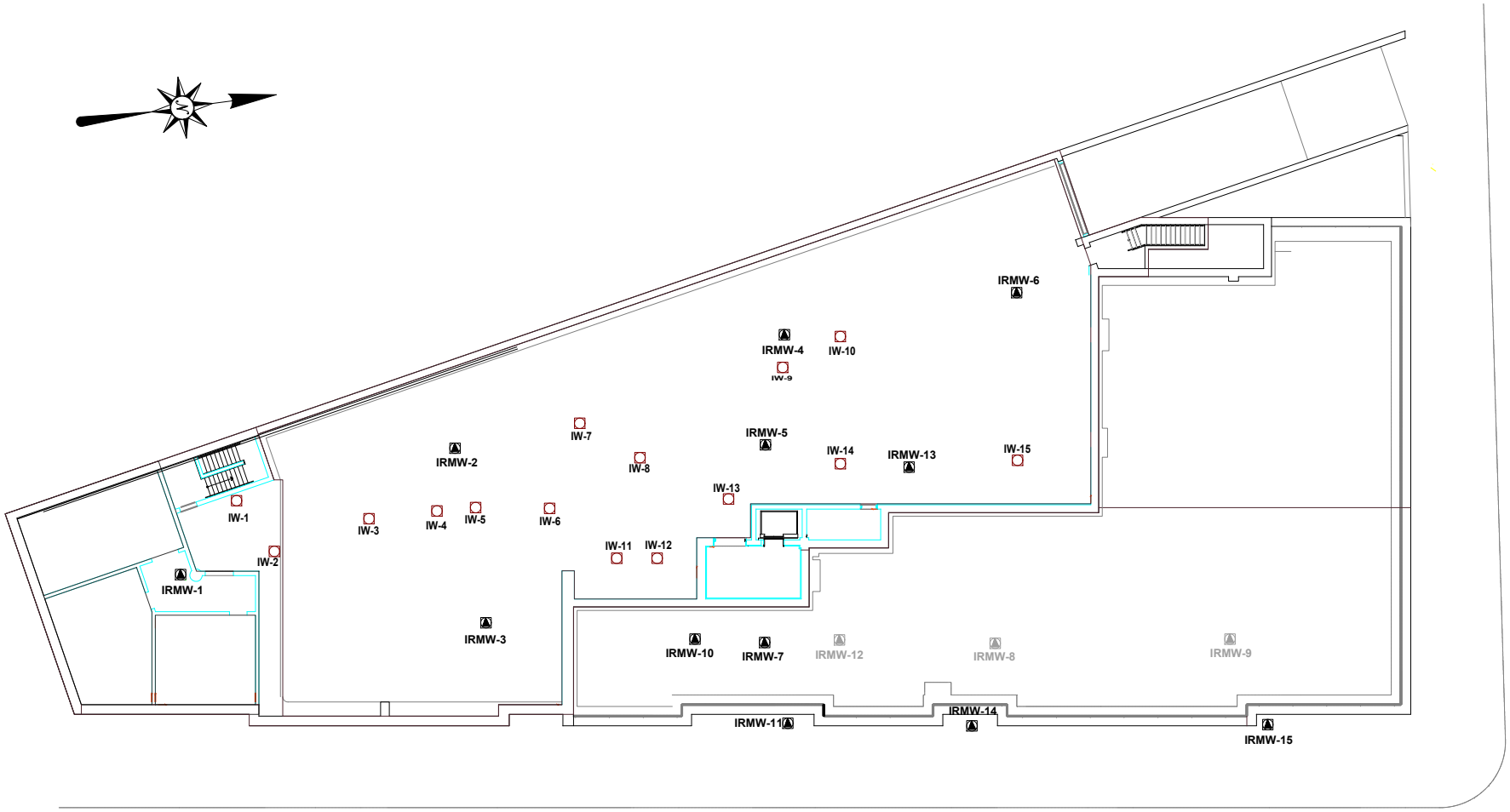
Phone: 631.504.6000

Fax: 631.924.2780

FORMER DIGO G AUTO AND TRUCK REPAIR

3035 WHITE PLAINS ROAD, BRONX NY

FIGURE 1 SITE LOCATION MAP



KEY:

IRMW-X Monitoring Well

IW-3 Injection Well

SCALE:

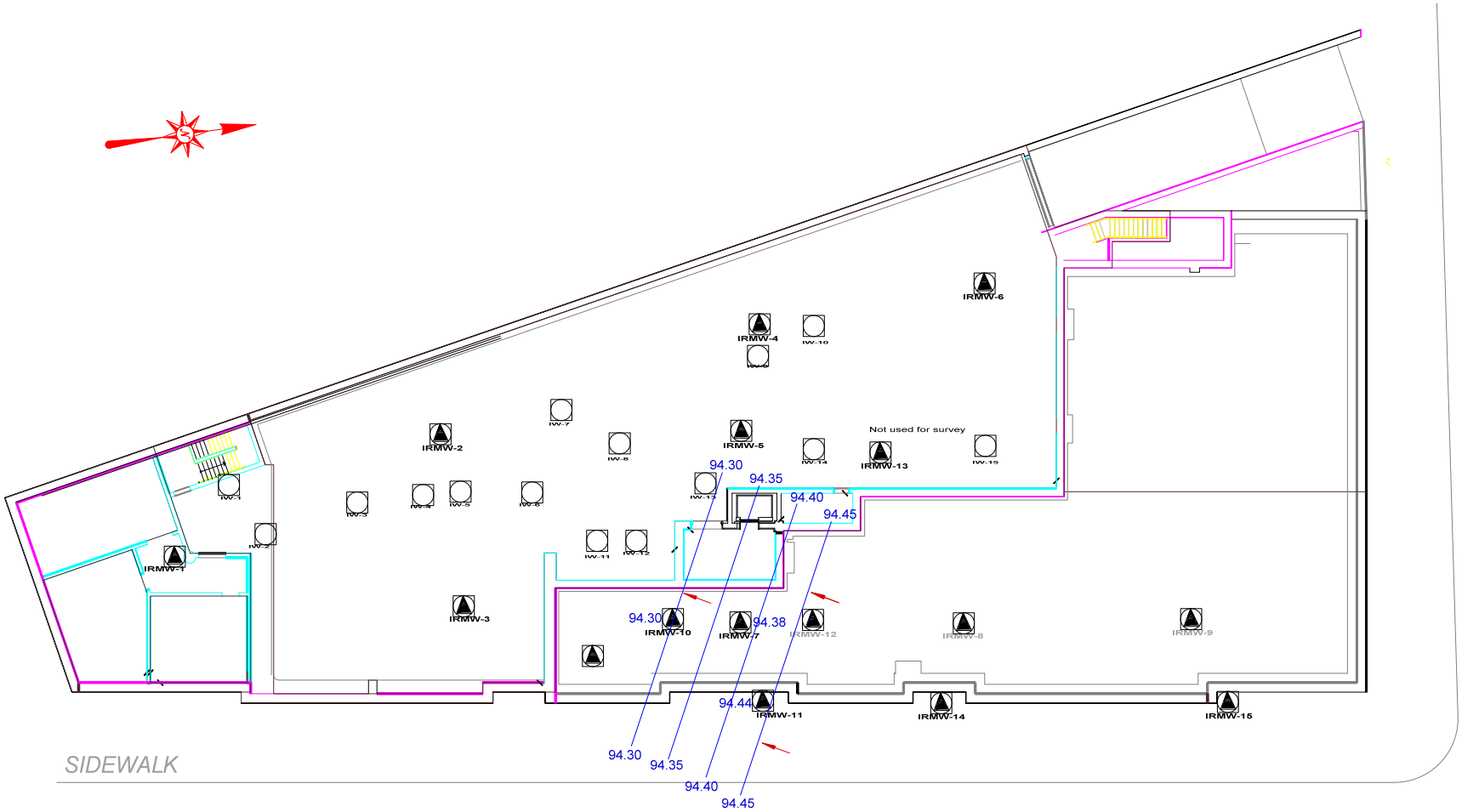
0 15 30

1inch = 30 feet

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

Former Dico G Auto & Truck Repair
3035 White Plains Road, Bronx, NY

FIGURE 2 Site Plan



Note:

Groundwater Monitoring Well

Note: IRM-W10, 11, 12 and 13 installed for LPH delineation.

Groundwater Flow Direction

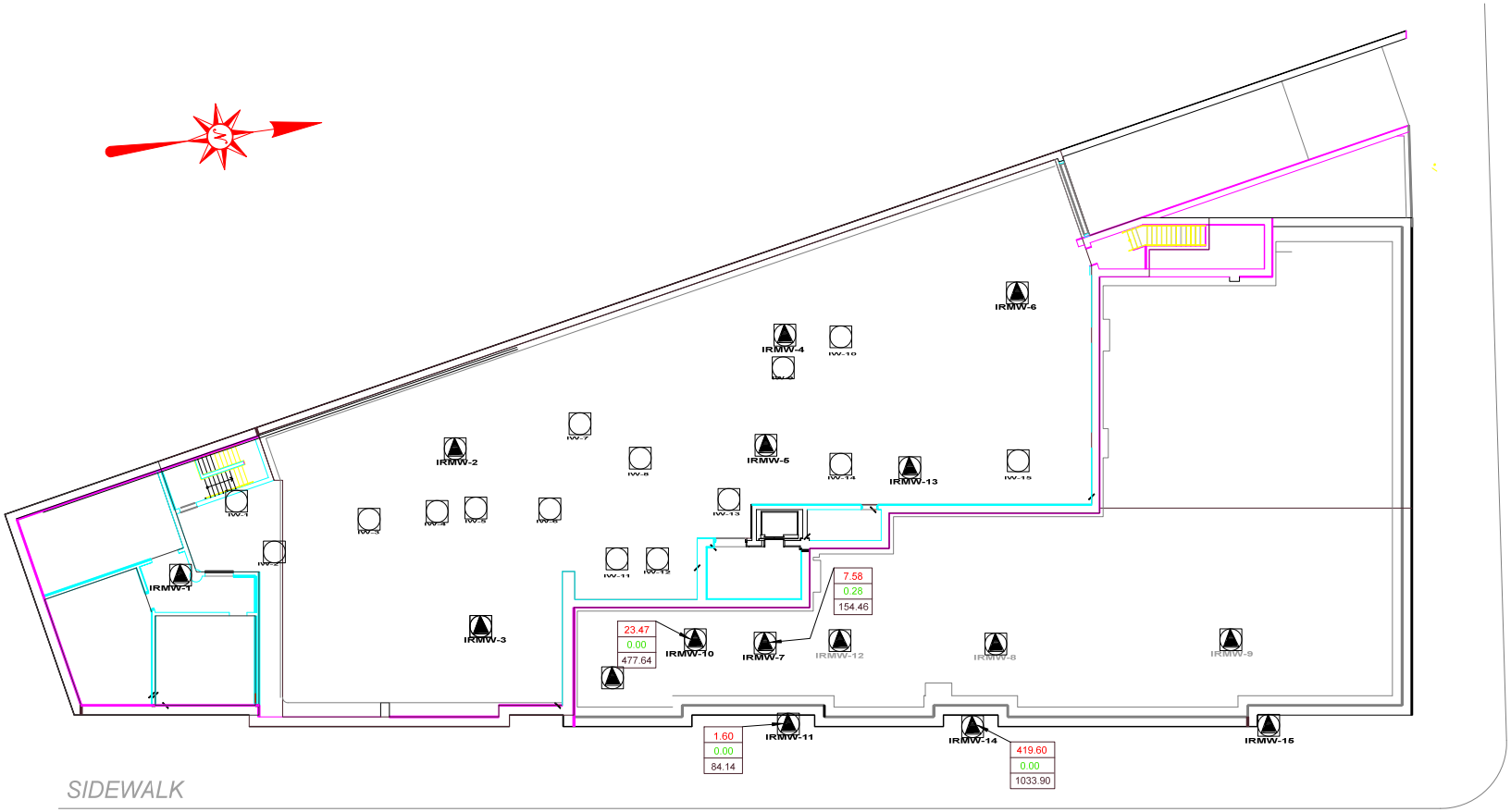
WHITE PLAINS ROAD

Scale:

0 15 30

1 inch = 30 feet

AMC Engineering PLLC 18-36 42nd Street Astoria, NY 11105 O: 718.545.0474	*Figure No.* **3**	Site Name:	Former Dico G Auto & Truck Repair
		Site Address:	3035 White Plains Road, Bronx, NY
		Drawing Title:	Groundwater Contour Map



Note:

IRMW-X Groundwater Monitoring Well

Note: IRM-W10, 11, 12 and 13 installed for LPH delineation

xxx	BTEX Concentration (µg/L)
xxx	Total Chlorinated VOC Concentration (µg/L)
xxx	Total VOC Concentration (µg/L)

Scale:

0 15 30

1 inch = 30 feet

AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
O: 718.545.0474

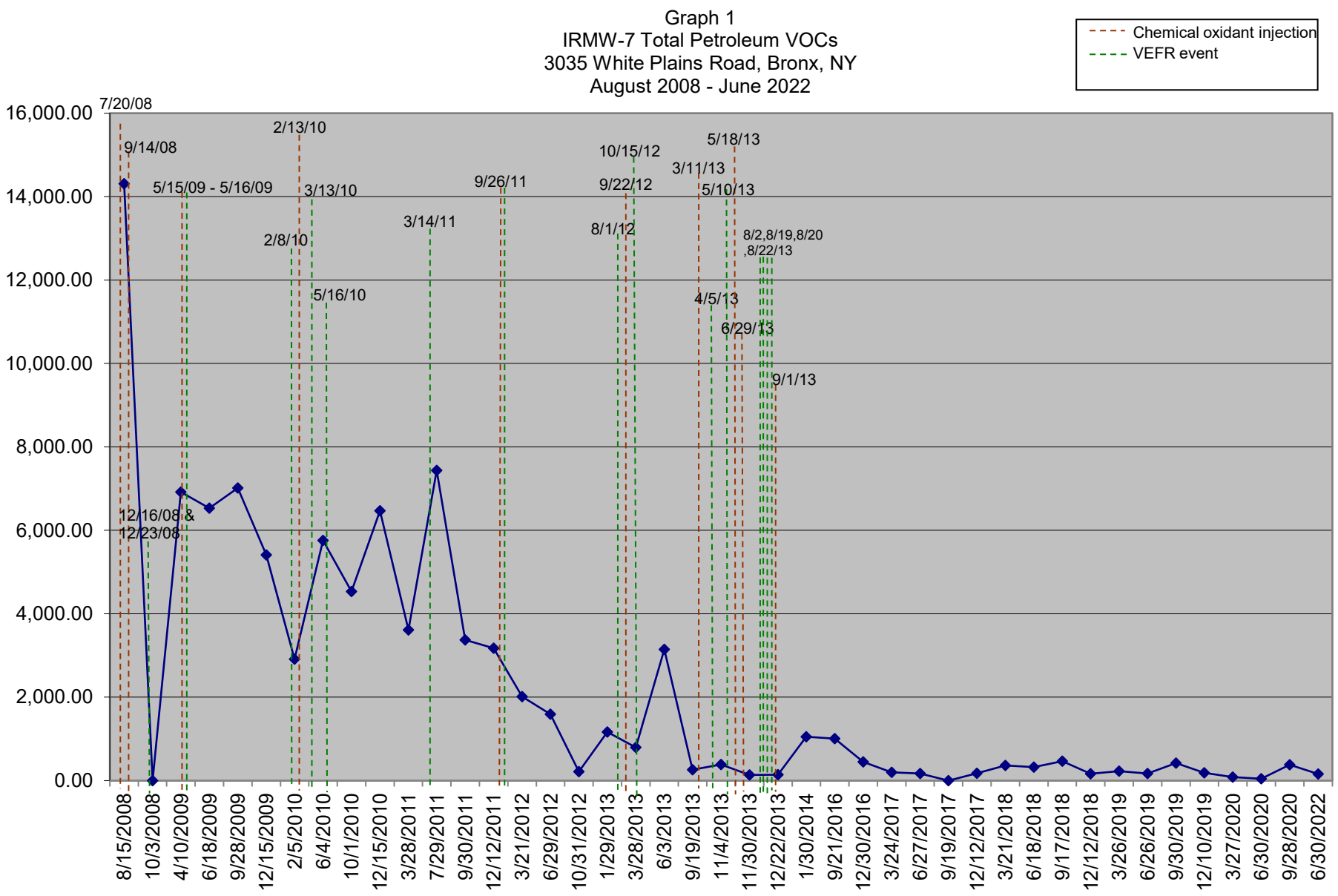
Figure No. **4**

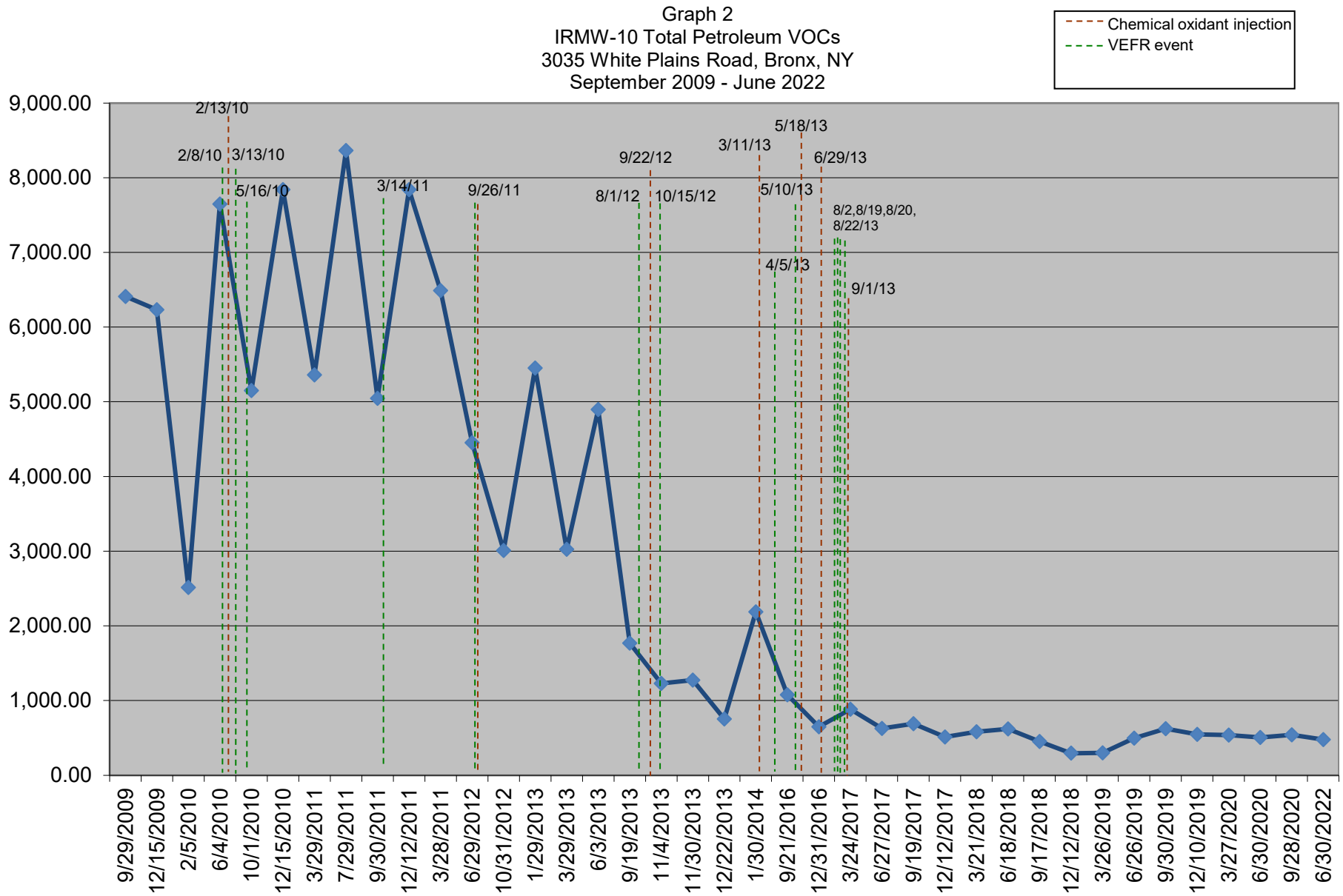
Site Name: Former Dico G Auto & Truck Repair

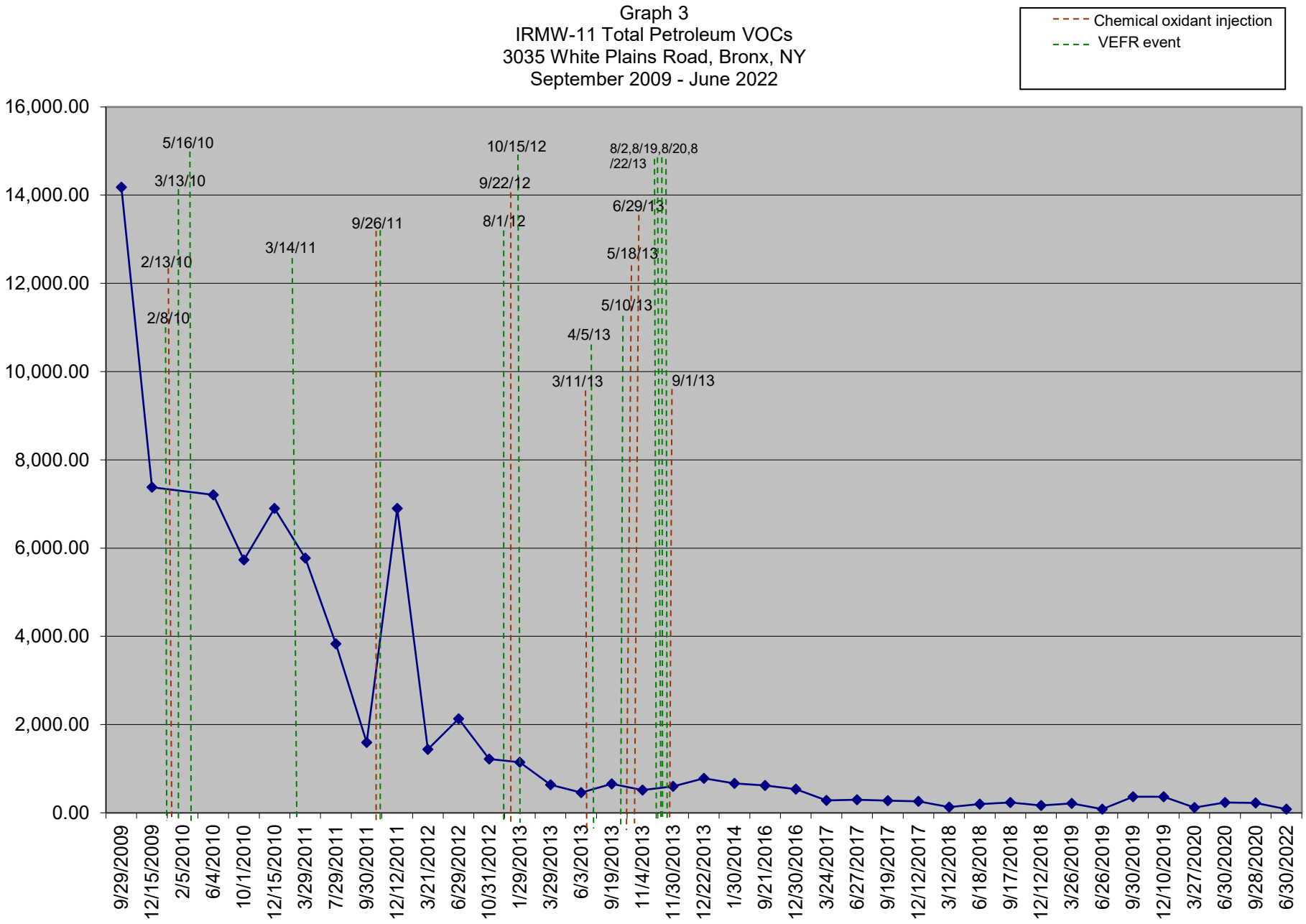
Site Address: 3035 White Plains Road, Bronx, NY

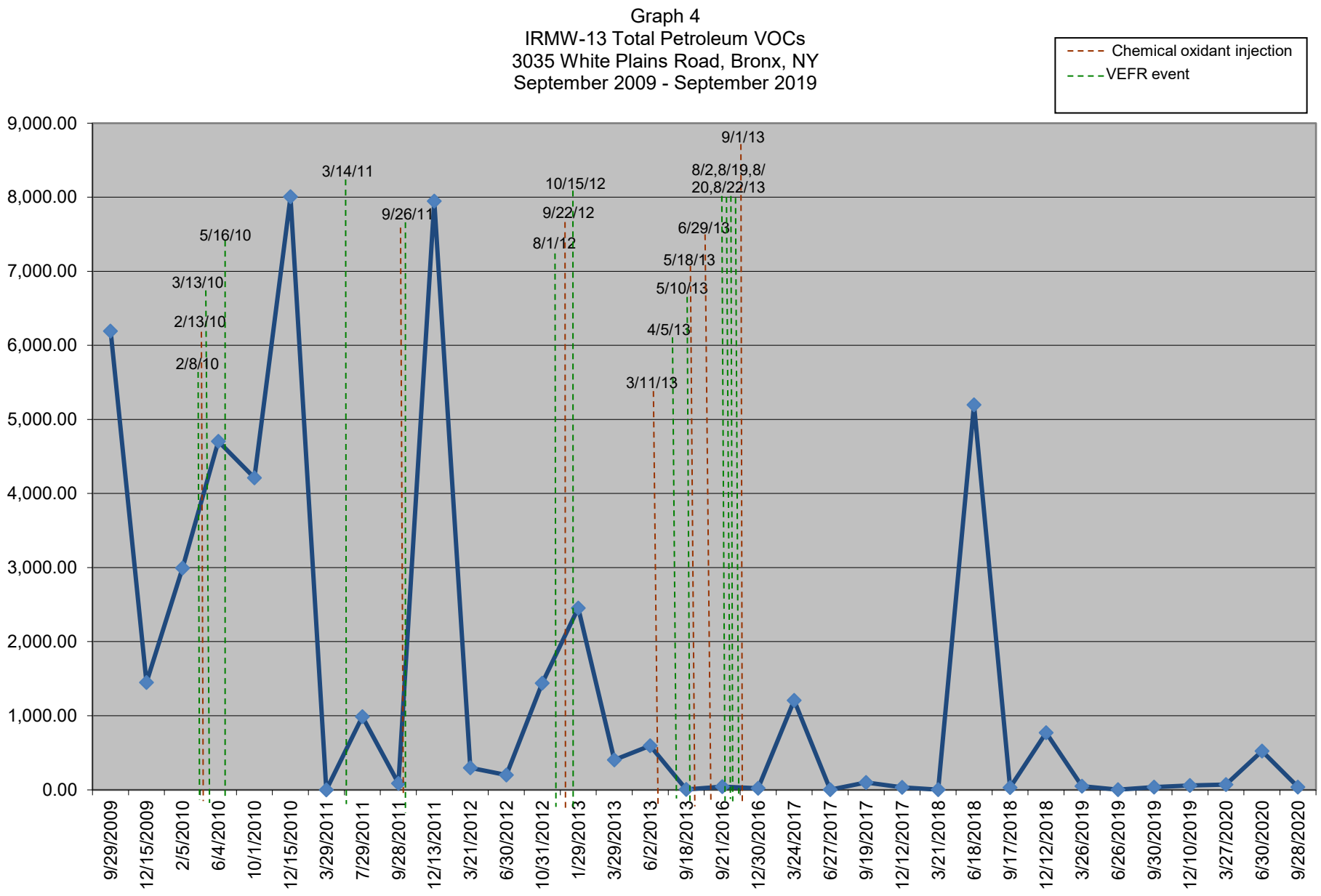
Drawing Title: Groundwater Flow Direction

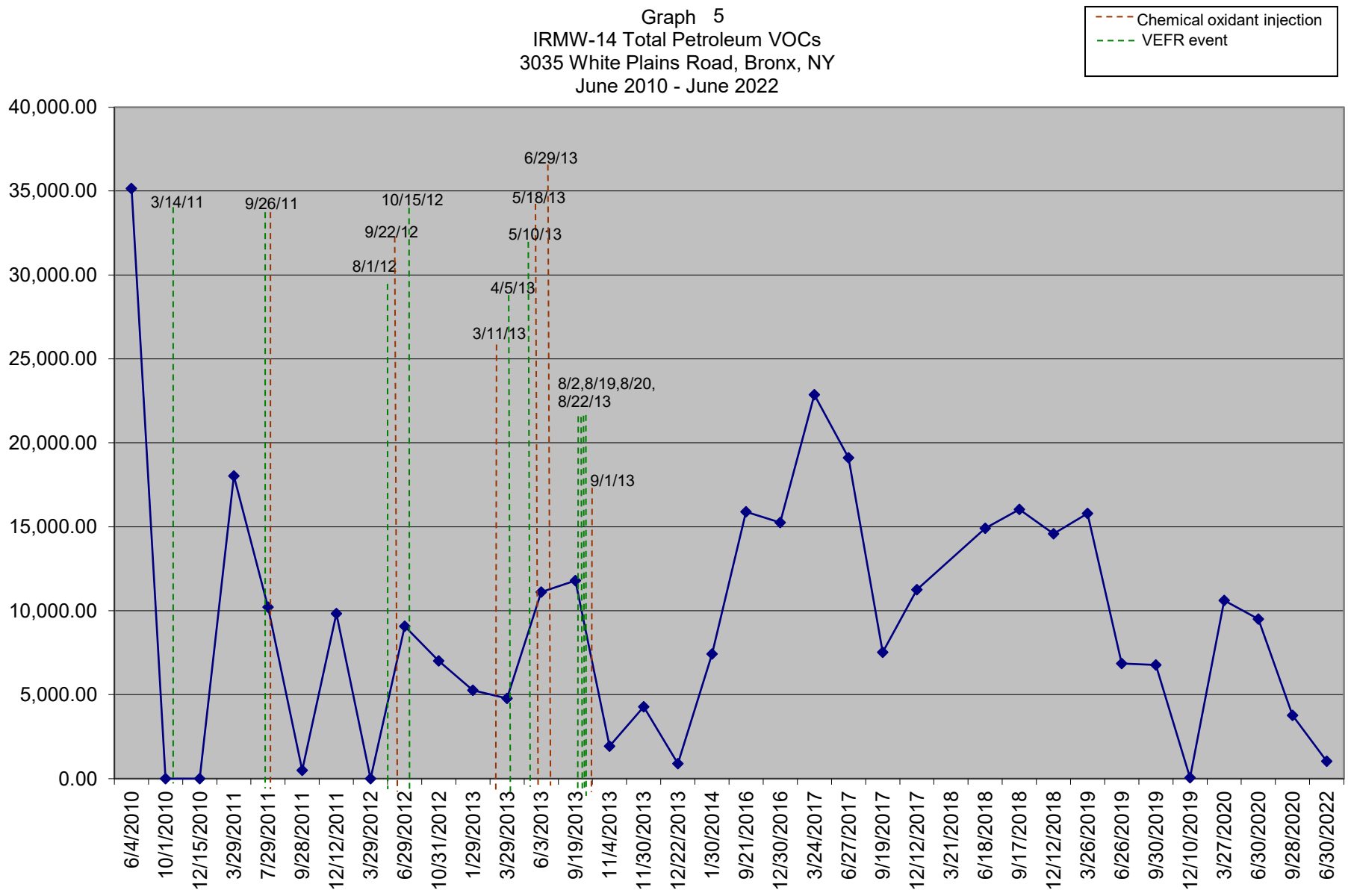
GRAPHS


Graph 1
IRMW-7 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
August 2008 - June 2022
Chemical oxidant injection
VEFR event
16,000.00
14,000.00
12,000.00
10,000.00
8,000.00
6,000.00
4,000.00
2,000.00
0.00
7/20/08
9/14/08
5/15/09 - 5/16/09
2/13/10
3/13/10
2/8/10
5/16/10
3/14/11
9/26/11
10/15/12
9/22/12
8/1/12
3/11/13
5/18/13
5/10/13
8/2,8/19,8/20
,8/22/13
4/5/13
6/29/13
9/1/13
12/16/08 &
12/23/08
8/15/2008
10/3/2008
4/10/2009
6/18/2009
9/28/2009
12/15/2009
2/5/2010
6/4/2010
10/1/2010
12/15/2010
3/28/2011
7/29/2011
9/30/2011
12/12/2011
3/21/2012
6/29/2012
10/31/2012
1/29/2013
3/28/2013
6/3/2013
9/19/2013
11/4/2013
11/30/2013
12/22/2013
1/30/2014
9/21/2016
12/30/2016
3/24/2017
6/27/2017
9/19/2017
12/12/2017
3/21/2018
6/18/2018
9/17/2018
12/12/2018
3/26/2019
6/26/2019
9/30/2019
12/10/2019
3/27/2020
6/30/2020
9/28/2020
6/30/2022


Graph 2
IRMW-10 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
September 2009 - June 2022
Chemical oxidant injection
VEFR event
9,000.00
8,000.00
7,000.00
6,000.00
5,000.00
4,000.00
3,000.00
2,000.00
1,000.00
0.00
2/13/10
2/8/10
3/13/10
5/16/10
3/14/11
9/26/11
9/22/12
8/1/12
10/15/12
3/11/13
5/18/13
6/29/13
5/10/13
8/2,8/19,8/20,
8/22/13
4/5/13
9/1/13
9/29/2009
12/15/2009
2/5/2010
6/4/2010
10/1/2010
12/15/2010
3/29/2011
7/29/2011
9/30/2011
12/12/2011
3/28/2011
6/29/2012
10/31/2012
1/29/2013
3/29/2013
6/3/2013
9/19/2013
11/4/2013
11/30/2013
12/22/2013
1/30/2014
9/21/2016
12/31/2016
3/24/2017
6/27/2017
9/19/2017
12/12/2017
3/21/2018
6/18/2018
9/17/2018
12/12/2018
3/26/2019
6/26/2019
9/30/2019
12/10/2019
3/27/2020
6/30/2020
9/28/2020
6/30/2022


Graph 3
IRMW-11 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
September 2009 - June 2022
Chemical oxidant injection
VEFR event
16,000.00
14,000.00
12,000.00
10,000.00
8,000.00
6,000.00
4,000.00
2,000.00
0.00
5/16/10
3/13/10
2/13/10
2/8/10
3/14/11
9/26/11
10/15/12
9/22/12
8/1/12
8/2,8/19,8/20,8/22/13
6/29/13
5/18/13
5/10/13
4/5/13
3/11/13
9/1/13
9/29/2009
12/15/2009
2/5/2010
6/4/2010
10/1/2010
12/15/2010
3/29/2011
7/29/2011
9/30/2011
12/12/2011
3/21/2012
6/29/2012
10/31/2012
1/29/2013
3/29/2013
6/3/2013
9/19/2013
11/4/2013
11/30/2013
12/22/2013
1/30/2014
9/21/2016
12/30/2016
3/24/2017
6/27/2017
9/19/2017
12/12/2017
3/12/2018
6/18/2018
9/17/2018
12/12/2018
3/26/2019
6/26/2019
9/30/2019
12/10/2019
3/27/2020
6/30/2020
9/28/2020
6/30/2022


Graph 4
IRMW-13 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
September 2009 - September 2019
Chemical oxidant injection
VEFR event
9,000.00
8,000.00
7,000.00
6,000.00
5,000.00
4,000.00
3,000.00
2,000.00
1,000.00
0.00
9/1/13
3/14/11
8/2,8/19,8/
20,8/22/13
10/15/12
9/26/11
9/22/12
6/29/13
5/16/10
8/1/12
5/18/13
3/13/10
5/10/13
2/13/10
4/5/13
2/8/10
3/11/13
9/29/2009
12/15/2009
2/5/2010
6/4/2010
10/1/2010
12/15/2010
3/29/2011
7/29/2011
9/28/2011
12/13/2011
3/21/2012
6/30/2012
10/31/2012
1/29/2013
3/29/2013
6/2/2013
9/18/2013
9/21/2016
12/30/2016
3/24/2017
6/27/2017
9/19/2017
12/12/2017
3/21/2018
6/18/2018
9/17/2018
12/12/2018
3/26/2019
6/26/2019
9/30/2019
12/10/2019
3/27/2020
6/30/2020
9/28/2020


Graph 5
IRMW-14 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
June 2010 - June 2022
Chemical oxidant injection
VEFR event
40,000.00
35,000.00
30,000.00
25,000.00
20,000.00
15,000.00
10,000.00
5,000.00
0.00
3/14/11
9/26/11
10/15/12
9/22/12
8/1/12
6/29/13
5/18/13
5/10/13
4/5/13
3/11/13
8/2,8/19,8/20,
8/22/13
9/1/13
6/4/2010
10/1/2010
12/15/2010
3/29/2011
7/29/2011
9/28/2011
12/12/2011
3/29/2012
6/29/2012
10/31/2012
1/29/2013
3/29/2013
6/3/2013
9/19/2013
11/4/2013
11/30/2013
12/22/2013
1/30/2014
9/21/2016
12/30/2016
3/24/2017
6/27/2017
9/19/2017
12/12/2017
3/21/2018
6/18/2018
9/17/2018
12/12/2018
3/26/2019
6/26/2019
9/30/2019
12/10/2019
3/27/2020
6/30/2020
9/28/2020
6/30/2022

APPENDIX A
Well Purging / Field Water Quality Measurements Form

GROUNDWATER PURGE / SAMPLE LOGS

AMC Engineering PLLC

3035 White Plains Road, Bronx

Well I.D.: IRMW-7

Date: 6/30/2022

Well Depth (from TOC): 19.38

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 16.24

Height of Water in Well: 3.14

Gallons of Water per Well Volume: 0.17

Flow Rate: 400 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
11:29:00 AM	400ml/min	0	8.03	2.04	20.3	4.51	170	268	1.3	
11:34:00 AM	400ml/min	0.528	7.44	1.25	17.21	0.85	-106	32.5	0.797	
11:39:00 AM	400ml/min	1.056	7.44	1.17	17.22	0.78	-119	27.5	0.749	
11:44:00 AM	400ml/min	1.584	7.46	1.12	17.21	0.68	-128	25.5	0.719	
11:49:00 AM	400ml/min	2.112	7.46	1.09	17.19	0.67	-134	26.0	0.699	
11:54:00 AM	400ml/min	2.64	7.47	1.08	17.18	3.13	-137	27.2	0.689	
11:59:00 AM	400ml/min	3.168	7.45	1.06	17.17	0.63	-140	26.1	0.679	
12:04:00 PM	400ml/min	3.696	7.46	1.06	17.18	0.56	-143	26.3	0.676	
12:09:00 PM	400ml/min	4.224	7.48	1.05	17.20	0.58	-146	26.6	0.675	
12:14:00 PM	400ml/min	4.752	7.48	1.05	17.20	0.59	-148	26.5	0.673	
12:19:00 PM	400ml/min	5.28	7.47	1.05	17.20	0.58	-148	26.2	0.672	
12:24:00 PM	400ml/min	5.808	7.43	1.05	17.19	1.55	-147	26.4	0.671	
12:29:00 PM	400ml/min	6.336	7.47	1.05	17.18	0.51	-151	26.4	0.672	

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

AMC Engineering PLLC

3035 White Plains Road, Bronx

Well I.D.: IRMW-10

Date: 6/30/2022

Well Depth (from TOC): 19.94

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 16.3

Height of Water in Well: 3.64

Gallons of Water per Well Volume: 0.20

Flow Rate: 400 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
12:51:00 PM	400ml/min	0	7.59	1,08	18.85	2.45	-148	103	0.691	
12:56:00 PM	400ml/min	0.528	7.59	1.05	17.93	0.94	-163	43.5	0.672	
1:01:00 PM	400ml/min	1.056	7.60	1.08	17.86	0.69	-168	29.8	0.691	
1:06:00 PM	400ml/min	1.584	7.59	1.10	17.88	0.59	-170	27.9	0.701	
1:11:00 PM	400ml/min	2.112	7.60	1.10	17.85	0.55	-172	26.6	0.707	
1:16:00 PM	400ml/min	2.64	7.60	1.10	17.86	0.51	-172	26.4	0.707	
1:21:00 PM	400ml/min	3.168	7.60	1.11	17.85	2.70	-173	28.2	0.712	
1:26:00 PM	400ml/min	3.696	7.59	1.11	17.87	0.49	-173	26.5	0.708	
1:31:00 PM	400ml/min	4.224	7.59	1.10	17.89	0.47	-173	26.6	0.705	
1:36:00 PM	400ml/min	4.752	7.58	1.10	17.90	0.46	-172	26.4	0.702	
1:41:00 PM	400ml/min	5.28	7.58	1.09	17.94	0.45	-172	26.6	0.698	
1:46:00 PM	400ml/min	5.808	7.56	1.08	17.95	0.44	-171	27.1	0.693	
1:51:00 PM	400ml/min	6.336	7.55	1.08	17.99	0.43	-170	27.0	0.689	

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

AMC Engineering PLLC

3035 White Plains Road, Bronx

Well I.D.: IRMW-11

Date: 6/30/2022

Well Depth (from TOC): 19.4

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 16.27

Height of Water in Well: 3.13

Gallons of Water per Well Volume: 0.17

Flow Rate: 400 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
3:13:00 PM	400ml/min	0	8.07	1.35	20.79	2.97	2	116	0.867	
3:18:00 PM	400ml/min	0.528	7.67	1.31	17.99	1.06	-92	38.6	0.838	
3:23:00 PM	400ml/min	1.056	7.64	1.20	17.80	0.78	-119	22.6	0.768	
3:28:00 PM	400ml/min	1.584	7.59	1.13	17.66	0.65	-129	21.9	0.726	
3:33:00 PM	400ml/min	2.112	7.62	1.11	17.62	0.62	-138	23.0	0.712	
3:38:00 PM	400ml/min	2.64	7.68	1.08	17.61	1.68	-142	24.7	0.694	
3:43:00 PM	400ml/min	3.168	7.68	1.08	17.61	1.68	-142	24.7	0.694	
3:48:00 PM	400ml/min	3.696	7.59	1.07	17.60	0.50	-146	25.0	0.683	
3:53:00 PM	400ml/min	4.224	7.58	1.06	17.59	0.47	-148	25.1	0.680	
3:58:00 PM	400ml/min	4.752	7.60	1.06	17.65	0.45	-150	25.2	0.677	
4:03:00 PM	400ml/min	5.28	7.62	1.06	17.52	0.43	-152	25.1	0.678	
4:08:00 PM	400ml/min	5.808	7.68	1.07	17.57	1.42	-154	25.5	0.682	
4:13:00 PM	400ml/min	6.336	7.62	1.07	17.56	0.42	-154	24.9	0.683	

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

AMC Engineering PLLC

3035 White Plains Road, Bronx

Well I.D.: IRMW-14

Date: 6/30/2022

Well Depth (from TOC): 19.2

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 16.3

Height of Water in Well: 2.9

Gallons of Water per Well Volume: 0.16

Flow Rate: 400 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (uS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
4:37:00 PM	400ml/min	0	8.26	3.21	20.93	7.52	-85	81.6	2.05	
4:42:00 PM	400ml/min	0.528	8.36	1.83	19.10	3.72	-176	192	1.17	
4:47:00 PM	400ml/min	1.056	8.45	1.92	19.70	5.86	-174	195	1.23	
4:52:00 PM	400ml/min	1.584	8.60	2.01	20.29	6.65	-163	133	1.29	
4:57:00 PM	400ml/min	2.112	8.68	1.96	21.19	6.82	-150	114	1.26	
5:02:00 PM	400ml/min	2.64	8.56	2.21	19.76	5.32	-160	116	1.41	
5:07:00 PM	400ml/min	3.168	8.98	2.25	20.01	5.49	-176	111	1.44	
5:12:00 PM	400ml/min	3.696	8.98	1.97	20.46	5.03	-164	104	1.26	
5:17:00 PM	400ml/min	4.224	8.92	1.71	20.47	5.66	-161	109	1.09	
5:22:00 PM	400ml/min	4.752	8.91	1.60	20.86	5.92	-162	150	1.02	
5:27:00 PM	400ml/min	5.28	8.93	1.56	21.25	5.94	-159	178	1.00	
5:32:00 PM	400ml/min	5.808	8.99	1.56	21.70	6.40	-153	252	0.996	
5:37:00 PM	400ml/min	6.336	9.00	1.56	22.18	6.29	-144	276	0.996	

Note 400 ml = 0.11 gallons

SITE INSPECTION CHECKLIST

Site Inspection Checklist - Subslab Depressurization System
3035 White Plains Road
Bronx, NY

Date: 6/29/22 Time: 10:00am

Inspector Name/Organization: Angela DeVico

Visual Inspection of Concrete Slabs Inspect concrete slan for cracks, perforations and patching

Describe General Condition of Slab: Good

Describe any Cracks or New Penetrations: None

Describe any Patching: None

Exterior Impervious Cap Areas (Driveway, Parking and Walkways)

Inspect concrete slan for cracks, perforations and patching

Describe General Condition of Soil Cover: None

Describe any indications of Recent Disturbance: None

Repairs Needed and / or Maintenance at this time?

None

Signature: Angela DeVico Date: 7/26/22

APPENDIX B
LABORATORY REPORTS

PHOENIX
Environmental Laboratories, Inc.

Monday, August 05, 2019

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

Project ID: 3035 WHITE PLAINS RD BRONX
SDG ID: GCD46805
Sample ID#s: CD46805 - CD46810

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

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

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: 3035 WHITE PLAINS RD BRONX

Laboratory Project: GCD46805

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

August 05, 2019 **SDG I.D.: GCD46805**

Environmental Business Consultants 3035 WHITE PLAINS RD BRONX

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.

PHOENIX

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

August 05, 2019 **SDG I.D.: GCD46805**

Environmental Business Consultants 3035 WHITE PLAINS RD BRONX

Laboratory Chronicle

The samples in this delivery group were received at 1.0°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CD46805	1,4-dioxane	06/26/19	06/28/19	06/28/19	MH	Y
CD46805	Volatiles	06/26/19	06/28/19	06/28/19	MH	Y
CD46805	Volatiles	06/26/19	07/03/19	07/03/19	MH	Y
CD46806	1,4-dioxane	06/26/19	07/01/19	07/01/19	MH	Y
CD46806	Volatiles	06/26/19	07/01/19	07/01/19	MH	Y
CD46806	Volatiles	06/26/19	07/01/19	07/01/19	MH	Y
CD46807	1,4-dioxane	06/26/19	07/01/19	07/01/19	MH	Y
CD46807	Volatiles	06/26/19	07/01/19	07/01/19	MH	Y
CD46807	Volatiles	06/26/19	07/01/19	07/01/19	MH	Y
CD46808	1,4-dioxane	06/26/19	07/01/19	07/01/19	MH	Y
CD46808	Volatiles	06/26/19	06/28/19	06/28/19	MH	Y
CD46808	Volatiles	06/26/19	07/01/19	07/01/19	MH	Y
CD46809	1,4-dioxane	06/26/19	07/01/19	07/01/19	MH	Y
CD46809	Volatiles	06/26/19	07/01/19	07/01/19	MH	Y
CD46809	Volatiles	06/26/19	07/01/19	07/01/19	MH	Y
CD46810	1,4-dioxane	06/26/19	06/28/19	06/28/19	MH	Y
CD46810	Volatiles	06/26/19	06/28/19	06/28/19	MH	Y
CD46810	Volatiles	06/26/19	06/28/19	06/28/19	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

August 05, 2019

SDG I.D.: GCD46805

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

August 05, 2019

SDG I.D.: GCD46805

Project ID: 3035 WHITE PLAINS RD BRONX

Client Id	Lab Id	Matrix
IRMW14	CD46805	GROUND WATER
IRMW11	CD46806	GROUND WATER
IRMW7	CD46807	GROUND WATER
IRMW10	CD46808	GROUND WATER
IRMW13	CD46809	GROUND WATER
TRIP BLANKS	CD46810	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

August 05, 2019

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:		06/26/19	11:02
Location Code:	EBC	Received by:	B	06/27/19	15:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD46805
Phoenix ID: CD46805

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW14

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,1,2-Trichloroethane	ND		2.5	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,2,3-Trichloropropane	ND		2.5	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,2,4-Trimethylbenzene	1500	D	100	25	ug/L	100	07/03/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.0	5.0	ug/L	10	07/01/19	MH	SW8260C	
1,2-Dibromoethane	ND		2.5	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,2-Dichlorobenzene	ND		4.7	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,2-Dichloroethane	ND		5.0	5.0	ug/L	10	07/01/19	MH	SW8260C	
1,2-Dichloropropane	ND		2.5	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,3,5-Trimethylbenzene	230		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,3-Dichlorobenzene	ND		3.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
2-Chlorotoluene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
2-Hexanone	ND		25	25	ug/L	10	07/01/19	MH	SW8260C	
2-Isopropyltoluene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
4-Methyl-2-pentanone	ND		25	25	ug/L	10	07/01/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW14

Phoenix I.D.: CD46805

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		50	25	ug/L	10	07/01/19	MH	SW8260C	
Acrolein	ND		25	25	ug/L	10	07/01/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	10	07/01/19	MH	SW8260C	
Benzene	89		7.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Bromobenzene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Bromochloromethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Bromodichloromethane	ND		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
Bromoform	ND		50	2.5	ug/L	10	07/01/19	MH	SW8260C	
Bromomethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Carbon Disulfide	ND		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
Carbon tetrachloride	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Chlorobenzene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Chloroethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Chloroform	ND		7.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Chloromethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		2.5	2.5	ug/L	10	07/01/19	MH	SW8260C	
Dibromochloromethane	ND		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
Dibromomethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Ethylbenzene	1000	D	100	25	ug/L	100	07/03/19	MH	SW8260C	
Hexachlorobutadiene	ND		2.0	2.0	ug/L	10	07/01/19	MH	SW8260C	
Isopropylbenzene	53		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
m&p-Xylene	2800	D	100	25	ug/L	100	07/03/19	MH	SW8260C	
Methyl ethyl ketone	ND		25	25	ug/L	10	07/01/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	7.7	J	10	2.5	ug/L	10	07/01/19	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	10	07/01/19	MH	SW8260C	
Naphthalene	480	D	20	20	ug/L	20	06/28/19	MH	SW8260C	
n-Butylbenzene	13		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
n-Propylbenzene	120		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
o-Xylene	300		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
p-Isopropyltoluene	7.5		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
sec-Butylbenzene	8.6		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Styrene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
tert-Butylbenzene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Tetrachloroethene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		50	25	ug/L	10	07/01/19	MH	SW8260C	1
Toluene	250		10	2.5	ug/L	10	07/01/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		2.5	2.5	ug/L	10	07/01/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		25	25	ug/L	10	07/01/19	MH	SW8260C	
Trichloroethene	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	2.5	ug/L	10	07/01/19	MH	SW8260C	
Vinyl chloride	ND		2.5	2.5	ug/L	10	07/01/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (10x)	98				%	10	07/01/19	MH	70 - 130 %	
% Bromofluorobenzene (10x)	101				%	10	07/01/19	MH	70 - 130 %	
% Dibromofluoromethane (10x)	105				%	10	07/01/19	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW14

Phoenix I.D.: CD46805

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (10x)	92			%	10	07/01/19	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	99			%	20	06/28/19	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	06/28/19	MH	70 - 130 %
% Dibromofluoromethane (20x)	98			%	20	06/28/19	MH	70 - 130 %
% Toluene-d8 (20x)	98			%	20	06/28/19	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	102			%	100	07/03/19	MH	70 - 130 %
% Bromofluorobenzene (100x)	102			%	100	07/03/19	MH	70 - 130 %
% Dibromofluoromethane (100x)	98			%	100	07/03/19	MH	70 - 130 %
% Toluene-d8 (100x)	98			%	100	07/03/19	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	1000	ug/l	20	06/28/19	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	06/28/19	MH	SW8260C
Acrolein	ND	50	50	ug/L	20	06/28/19	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	20	06/28/19	MH	SW8260C
Tert-butyl alcohol	ND	1000	200	ug/L	20	06/28/19	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:
Subsequent dilution did not correlate well with original analysis results. The higher results are reported.

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
August 05, 2019
Reviewed and Released by: Christina White, 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

August 05, 2019

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:		06/26/19	12:32
Location Code:	EBC	Received by:	B	06/27/19	15:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD46805
Phoenix ID: CD46806

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW11

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	07/01/19	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1-Dichloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1-Dichloropropene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,4-Trimethylbenzene	1.5	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dibromoethane	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dichloroethane	ND		1.0	1.0	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,3-Dichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,3-Dichloropropane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,4-Dichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
2,2-Dichloropropane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
2-Chlorotoluene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
2-Hexanone	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
2-Isopropyltoluene	3.3		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	1
4-Chlorotoluene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
4-Methyl-2-pentanone	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW11

Phoenix I.D.: CD46806

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		10	5.0	ug/L	2	07/01/19	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Benzene	4.4		1.4	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Ethylbenzene	4.5		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	07/01/19	MH	SW8260C	
Isopropylbenzene	37		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
m&p-Xylene	1.2	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	7.5		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	07/01/19	MH	SW8260C	
Naphthalene	ND		2.0	2.0	ug/L	2	07/01/19	MH	SW8260C	
n-Butylbenzene	2.4		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
n-Propylbenzene	9.7		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
o-Xylene	0.51	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
p-Isopropyltoluene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
sec-Butylbenzene	12		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
tert-Butylbenzene	1.2	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	07/01/19	MH	SW8260C	1
Toluene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	100				%	2	07/01/19	MH	70 - 130 %	
% Bromofluorobenzene (2x)	99				%	2	07/01/19	MH	70 - 130 %	
% Dibromofluoromethane (2x)	104				%	2	07/01/19	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW11

Phoenix I.D.: CD46806

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	98				%	2	07/01/19	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		200	100	ug/l	2	07/01/19	MH	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (2x)	100				%	2	07/01/19	MH	70 - 130 %
% Bromofluorobenzene (2x)	99				%	2	07/01/19	MH	70 - 130 %
% Dibromofluoromethane (2x)	104				%	2	07/01/19	MH	70 - 130 %
% Toluene-d8 (2x)	98				%	2	07/01/19	MH	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C
Acrolein	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C
Acrylonitrile	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C
Tert-butyl alcohol	57	J	100	20	ug/L	2	07/01/19	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.

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

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
August 05, 2019
Reviewed and Released by: Christina White, 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

August 05, 2019

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:		06/26/19	11:52
Location Code:	EBC	Received by:	B	06/27/19	15:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD46805
Phoenix ID: CD46807

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW7

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	07/01/19	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1-Dichloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,1-Dichloropropene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2,4-Trimethylbenzene	26		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dibromoethane	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dichloroethane	ND		1.0	1.0	ug/L	2	07/01/19	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,3,5-Trimethylbenzene	0.66	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,3-Dichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,3-Dichloropropane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
1,4-Dichlorobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
2,2-Dichloropropane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
2-Chlorotoluene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
2-Hexanone	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
2-Isopropyltoluene	2.0	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	1
4-Chlorotoluene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
4-Methyl-2-pentanone	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW7

Phoenix I.D.: CD46807

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		10	5.0	ug/L	2	07/01/19	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Benzene	2.7		1.4	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	07/01/19	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Ethylbenzene	12		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	07/01/19	MH	SW8260C	
Isopropylbenzene	23		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
m&p-Xylene	11		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	5.5		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	07/01/19	MH	SW8260C	
Naphthalene	5.9		2.0	2.0	ug/L	2	07/01/19	MH	SW8260C	
n-Butylbenzene	3.4		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
n-Propylbenzene	20		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
o-Xylene	4.7		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
p-Isopropyltoluene	0.68	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
sec-Butylbenzene	7.2		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
tert-Butylbenzene	0.75	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	07/01/19	MH	SW8260C	1
Toluene	0.86	J	2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	07/01/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	100				%	2	07/01/19	MH	70 - 130 %	
% Bromofluorobenzene (2x)	99				%	2	07/01/19	MH	70 - 130 %	
% Dibromofluoromethane (2x)	101				%	2	07/01/19	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW7

Phoenix I.D.: CD46807

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (2x)	98				%	2	07/01/19	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		200	100	ug/l	2	07/01/19	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	07/01/19	MH	SW8260C
Acrolein	ND		5.0	5.0	ug/L	2	07/01/19	MH	SW8260C
Acrylonitrile	ND		5.0	0.50	ug/L	2	07/01/19	MH	SW8260C
Tert-butyl alcohol	43	J	100	20	ug/L	2	07/01/19	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
August 05, 2019
Reviewed and Released by: Christina White, 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

August 05, 2019

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:		06/26/19	11:21
Location Code:	EBC	Received by:	B	06/27/19	15:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD46805
Phoenix ID: CD46808

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW10

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	07/01/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	07/01/19	MH	SW8260C	
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	07/01/19	MH	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	07/01/19	MH	SW8260C	
2-Isopropyltoluene	6.3	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	07/01/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW10

Phoenix I.D.: CD46808

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	07/01/19	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	07/01/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	07/01/19	MH	SW8260C	
Benzene	9.6		3.5	1.3	ug/L	5	07/01/19	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	07/01/19	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	07/01/19	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Ethylbenzene	15		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	07/01/19	MH	SW8260C	
Isopropylbenzene	79		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
m&p-Xylene	3.2	J	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	07/01/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	11		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	07/01/19	MH	SW8260C	
Naphthalene	23		5.0	5.0	ug/L	5	07/01/19	MH	SW8260C	
n-Butylbenzene	27		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
n-Propylbenzene	170	D	20	5.0	ug/L	20	06/28/19	MH	SW8260C	
o-Xylene	1.6	J	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
sec-Butylbenzene	26		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
tert-Butylbenzene	2.2	J	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	07/01/19	MH	SW8260C	1
Toluene	1.3	J	5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	07/01/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	07/01/19	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	07/01/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	99				%	5	07/01/19	MH	70 - 130 %	
% Bromofluorobenzene (5x)	98				%	5	07/01/19	MH	70 - 130 %	
% Dibromofluoromethane (5x)	101				%	5	07/01/19	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW10

Phoenix I.D.: CD46808

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	97				%	5	07/01/19	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	100				%	20	06/28/19	MH	70 - 130 %
% Bromofluorobenzene (20x)	94				%	20	06/28/19	MH	70 - 130 %
% Dibromofluoromethane (20x)	97				%	20	06/28/19	MH	70 - 130 %
% Toluene-d8 (20x)	97				%	20	06/28/19	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	07/01/19	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C
Acrolein	ND		13	13	ug/L	5	07/01/19	MH	SW8260C
Acrylonitrile	ND		5.0	1.3	ug/L	5	07/01/19	MH	SW8260C
Tert-butyl alcohol	120	J	250	50	ug/L	5	07/01/19	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.

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

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
August 05, 2019
Reviewed and Released by: Christina White, 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

August 05, 2019

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:		06/26/19	13:32
Location Code:	EBC	Received by:	B	06/27/19	15:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD46805
Phoenix ID: CD46809

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW13

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	07/01/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/01/19	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/01/19	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/01/19	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/01/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW13

Phoenix I.D.: CD46809

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	2.6	JS	5.0	2.5	ug/L	1	07/01/19	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/01/19	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/01/19	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	07/01/19	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/01/19	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/01/19	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/01/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/01/19	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/01/19	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Tetrachloroethene	0.27	J	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/01/19	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/01/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/01/19	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/01/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	07/01/19	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	07/01/19	MH	70 - 130 %	
% Dibromofluoromethane	97				%	1	07/01/19	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW13

Phoenix I.D.: CD46809

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	07/01/19	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/01/19	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/01/19	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/01/19	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/01/19	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/01/19	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.

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
August 05, 2019
Reviewed and Released by: Christina White, 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

August 05, 2019

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:		06/26/19	
Location Code:	EBC	Received by:	B	06/27/19	15:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD46805
Phoenix ID: CD46810

Project ID: 3035 WHITE PLAINS RD BRONX
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	06/28/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	06/28/19	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	06/28/19	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	06/28/19	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	06/28/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: TRIP BLANKS

Phoenix I.D.: CD46810

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	4.8	JS	5.0	2.5	ug/L	1	06/28/19	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	06/28/19	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	06/28/19	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	06/28/19	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	06/28/19	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	06/28/19	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	06/28/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	06/28/19	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	06/28/19	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	06/28/19	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	06/28/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	06/28/19	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	06/28/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	06/28/19	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	06/28/19	MH	70 - 130 %	
% Dibromofluoromethane	96				%	1	06/28/19	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: TRIP BLANKS

Phoenix I.D.: CD46810

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	06/28/19	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	06/28/19	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	06/28/19	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	06/28/19	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	06/28/19	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	06/28/19	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:

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.

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
August 05, 2019
Reviewed and Released by: Christina White, 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

QA/QC Report

August 05, 2019

QA/QC Data

SDG I.D.: GCD46805

QA/QC Batch 485792 (ug/L), QC Sample No: CD45784 (CD46805 (20X) , CD46808 (20X) , CD46810)

Volatiles - Ground Water

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	1.0	98	94	4.2				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	92	90	2.2				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	97	95	2.1				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	94	92	2.2				70 - 130	30
1,1-Dichloroethane	ND	1.0	98	93	5.2				70 - 130	30
1,1-Dichloroethene	ND	1.0	104	98	5.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	96	92	4.3				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	94	93	1.1				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	95	94	1.1				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	94	94	0.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	87	83	4.7				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	83	83	0.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	95	95	0.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	97	93	4.2				70 - 130	30
1,2-Dichloroethane	ND	1.0	94	89	5.5				70 - 130	30
1,2-Dichloropropane	ND	1.0	99	96	3.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	96	92	4.3				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	98	94	4.2				70 - 130	30
1,3-Dichloropropane	ND	1.0	95	92	3.2				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	97	92	5.3				70 - 130	30
1,4-dioxane	ND	100	104	100	3.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	98	94	4.2				70 - 130	30
2-Chlorotoluene	ND	1.0	98	95	3.1				70 - 130	30
2-Hexanone	ND	5.0	98	95	3.1				70 - 130	30
2-Isopropyltoluene	ND	1.0	100	97	3.0				70 - 130	30
4-Chlorotoluene	ND	1.0	98	95	3.1				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	97	94	3.1				70 - 130	30
Acetone	ND	5.0	91	86	5.6				70 - 130	30
Acrolein	ND	5.0	102	98	4.0				70 - 130	30
Acrylonitrile	ND	5.0	100	96	4.1				70 - 130	30
Benzene	ND	0.70	90	86	4.5				70 - 130	30
Bromobenzene	ND	1.0	94	94	0.0				70 - 130	30
Bromochloromethane	ND	1.0	98	92	6.3				70 - 130	30
Bromodichloromethane	ND	0.50	97	91	6.4				70 - 130	30
Bromoform	ND	1.0	97	95	2.1				70 - 130	30
Bromomethane	ND	1.0	122	117	4.2				70 - 130	30
Carbon Disulfide	ND	1.0	105	100	4.9				70 - 130	30
Carbon tetrachloride	ND	1.0	96	92	4.3				70 - 130	30
Chlorobenzene	ND	1.0	98	94	4.2				70 - 130	30
Chloroethane	ND	1.0	97	91	6.4				70 - 130	30
Chloroform	ND	1.0	94	90	4.3				70 - 130	30

QA/QC Data

SDG I.D.: GCD46805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloromethane	ND	1.0	92	83	10.3				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	100	95	5.1				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	96	93	3.2				70 - 130	30
Dibromochloromethane	ND	0.50	98	97	1.0				70 - 130	30
Dibromomethane	ND	1.0	96	91	5.3				70 - 130	30
Dichlorodifluoromethane	ND	1.0	104	97	7.0				70 - 130	30
Ethylbenzene	ND	1.0	92	87	5.6				70 - 130	30
Hexachlorobutadiene	ND	0.40	100	99	1.0				70 - 130	30
Isopropylbenzene	ND	1.0	96	94	2.1				70 - 130	30
m&p-Xylene	ND	1.0	90	87	3.4				70 - 130	30
Methyl ethyl ketone	ND	5.0	96	92	4.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	105	102	2.9				70 - 130	30
Methylene chloride	ND	1.0	96	89	7.6				70 - 130	30
Naphthalene	ND	1.0	90	91	1.1				70 - 130	30
n-Butylbenzene	ND	1.0	98	93	5.2				70 - 130	30
n-Propylbenzene	ND	1.0	97	95	2.1				70 - 130	30
o-Xylene	ND	1.0	89	85	4.6				70 - 130	30
p-Isopropyltoluene	ND	1.0	97	92	5.3				70 - 130	30
sec-Butylbenzene	ND	1.0	103	99	4.0				70 - 130	30
Styrene	ND	1.0	97	93	4.2				70 - 130	30
tert-butyl alcohol	ND	10	104	100	3.9				70 - 130	30
tert-Butylbenzene	ND	1.0	96	92	4.3				70 - 130	30
Tetrachloroethene	ND	1.0	98	95	3.1				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	92	88	4.4				70 - 130	30
Toluene	ND	1.0	90	85	5.7				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	104	98	5.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	93	89	4.4				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	89	90	1.1				70 - 130	30
Trichloroethene	ND	1.0	100	94	6.2				70 - 130	30
Trichlorofluoromethane	ND	1.0	85	81	4.8				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	107	103	3.8				70 - 130	30
Vinyl chloride	ND	1.0	96	92	4.3				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	100	99	1.0				70 - 130	30
% Bromofluorobenzene	95	%	99	98	1.0				70 - 130	30
% Dibromofluoromethane	101	%	100	100	0.0				70 - 130	30
% Toluene-d8	97	%	99	99	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 486009 (ug/L), QC Sample No: CD46806 (CD46806 (2X) , CD46807 (2X) , CD46808 (5X) , CD46809)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	99	97	2.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	91	89	2.2				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	99	98	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	100	96	4.1				70 - 130	30
1,1-Dichloroethane	ND	1.0	92	89	3.3				70 - 130	30
1,1-Dichloroethene	ND	1.0	90	88	2.2				70 - 130	30
1,1-Dichloropropene	ND	1.0	91	88	3.4				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	99	96	3.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	81	79	2.5				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	95	94	1.1				70 - 130	30

QA/QC Data

SDG I.D.: GCD46805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dibromoethane	ND	1.0	99	97	2.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	95	93	2.1				70 - 130	30
1,2-Dichloroethane	ND	1.0	105	100	4.9				70 - 130	30
1,2-Dichloropropane	ND	1.0	97	92	5.3				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	89	87	2.3				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	94	92	2.2				70 - 130	30
1,3-Dichloropropane	ND	1.0	97	96	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	93	91	2.2				70 - 130	30
1,4-dioxane	ND	100	111	111	0.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	94	91	3.2				70 - 130	30
2-Chlorotoluene	ND	1.0	92	89	3.3				70 - 130	30
2-Hexanone	ND	5.0	111	108	2.7				70 - 130	30
2-Isopropyltoluene	ND	1.0	100	98	2.0				70 - 130	30
4-Chlorotoluene	ND	1.0	92	90	2.2				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	116	113	2.6				70 - 130	30
Acetone	ND	5.0	101	95	6.1				70 - 130	30
Acrolein	ND	5.0	102	101	1.0				70 - 130	30
Acrylonitrile	ND	5.0	109	105	3.7				70 - 130	30
Benzene	ND	0.70	84	80	4.9				70 - 130	30
Bromobenzene	ND	1.0	93	91	2.2				70 - 130	30
Bromochloromethane	ND	1.0	98	94	4.2				70 - 130	30
Bromodichloromethane	ND	0.50	100	97	3.0				70 - 130	30
Bromoform	ND	1.0	107	106	0.9				70 - 130	30
Bromomethane	ND	1.0	129	130	0.8				70 - 130	30
Carbon Disulfide	ND	1.0	93	91	2.2				70 - 130	30
Carbon tetrachloride	ND	1.0	94	95	1.1				70 - 130	30
Chlorobenzene	ND	1.0	92	91	1.1				70 - 130	30
Chloroethane	ND	1.0	92	89	3.3				70 - 130	30
Chloroform	ND	1.0	93	89	4.4				70 - 130	30
Chloromethane	ND	1.0	100	96	4.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	93	90	3.3				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	97	94	3.1				70 - 130	30
Dibromochloromethane	ND	0.50	104	104	0.0				70 - 130	30
Dibromomethane	ND	1.0	101	96	5.1				70 - 130	30
Dichlorodifluoromethane	ND	1.0	102	104	1.9				70 - 130	30
Ethylbenzene	ND	1.0	85	83	2.4				70 - 130	30
Hexachlorobutadiene	ND	0.40	97	98	1.0				70 - 130	30
Isopropylbenzene	ND	1.0	88	87	1.1				70 - 130	30
m&p-Xylene	ND	1.0	84	82	2.4				70 - 130	30
Methyl ethyl ketone	ND	5.0	105	110	4.7				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	107	103	3.8				70 - 130	30
Methylene chloride	ND	1.0	86	82	4.8				70 - 130	30
Naphthalene	ND	1.0	96	95	1.0				70 - 130	30
n-Butylbenzene	ND	1.0	90	89	1.1				70 - 130	30
n-Propylbenzene	ND	1.0	91	90	1.1				70 - 130	30
o-Xylene	ND	1.0	84	82	2.4				70 - 130	30
p-Isopropyltoluene	ND	1.0	88	88	0.0				70 - 130	30
sec-Butylbenzene	ND	1.0	93	92	1.1				70 - 130	30
Styrene	ND	1.0	93	92	1.1				70 - 130	30
tert-butyl alcohol	ND	10	110	103	6.6				70 - 130	30
tert-Butylbenzene	ND	1.0	87	87	0.0				70 - 130	30
Tetrachloroethene	ND	1.0	92	90	2.2				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	108	104	3.8				70 - 130	30

QA/QC Data

SDG I.D.: GCD46805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Toluene	ND	1.0	85	82	3.6				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	90	87	3.4				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	100	99	1.0				70 - 130	30
Trichloroethene	ND	1.0	93	88	5.5				70 - 130	30
Trichlorofluoromethane	ND	1.0	90	92	2.2				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	97	99	2.0				70 - 130	30
Vinyl chloride	ND	1.0	100	98	2.0				70 - 130	30
% 1,2-dichlorobenzene-d4	103	%	102	103	1.0				70 - 130	30
% Bromofluorobenzene	98	%	101	102	1.0				70 - 130	30
% Dibromofluoromethane	101	%	102	97	5.0				70 - 130	30
% Toluene-d8	97	%	98	99	1.0				70 - 130	30

Comment:

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

QA/QC Batch 486075 (ug/L), QC Sample No: CD48526 (CD46805 (10X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	108	104	3.8				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	103	102	1.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	111	112	0.9				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	106	106	0.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	108	103	4.7				70 - 130	30
1,1-Dichloroethene	ND	1.0	108	103	4.7				70 - 130	30
1,1-Dichloropropene	ND	1.0	101	95	6.1				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	109	109	0.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	103	104	1.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	108	108	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	107	115	7.2				70 - 130	30
1,2-Dibromoethane	ND	1.0	110	109	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	105	109	3.7				70 - 130	30
1,2-Dichloropropane	ND	1.0	107	105	1.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	99	97	2.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	103	102	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	107	108	0.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	100	102	2.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	110	107	2.8				70 - 130	30
2-Chlorotoluene	ND	1.0	102	100	2.0				70 - 130	30
2-Hexanone	ND	5.0	111	112	0.9				70 - 130	30
2-Isopropyltoluene	ND	1.0	102	100	2.0				70 - 130	30
4-Chlorotoluene	ND	1.0	102	99	3.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	113	111	1.8				70 - 130	30
Acetone	ND	5.0	109	111	1.8				70 - 130	30
Acrolein	ND	5.0	103	107	3.8				70 - 130	30
Acrylonitrile	ND	5.0	103	107	3.8				70 - 130	30
Benzene	ND	0.70	101	99	2.0				70 - 130	30
Bromobenzene	ND	1.0	102	101	1.0				70 - 130	30
Bromochloromethane	ND	1.0	104	105	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	110	108	1.8				70 - 130	30
Bromoform	ND	1.0	111	115	3.5				70 - 130	30
Bromomethane	ND	1.0	118	111	6.1				70 - 130	30
Carbon Disulfide	ND	1.0	110	105	4.7				70 - 130	30
Carbon tetrachloride	ND	1.0	103	99	4.0				70 - 130	30

QA/QC Data

SDG I.D.: GCD46805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chlorobenzene	ND	1.0	106	103	2.9				70 - 130	30
Chloroethane	ND	1.0	105	103	1.9				70 - 130	30
Chloroform	ND	1.0	99	106	6.8				70 - 130	30
Chloromethane	ND	1.0	112	108	3.6				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	109	106	2.8				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	111	108	2.7				70 - 130	30
Dibromochloromethane	ND	0.50	117	116	0.9				70 - 130	30
Dibromomethane	ND	1.0	107	105	1.9				70 - 130	30
Dichlorodifluoromethane	ND	1.0	103	101	2.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	107	100	6.8				70 - 130	30
Isopropylbenzene	ND	1.0	100	101	1.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	108	114	5.4				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	107	107	0.0				70 - 130	30
Methylene chloride	ND	1.0	102	98	4.0				70 - 130	30
n-Butylbenzene	ND	1.0	103	103	0.0				70 - 130	30
n-Propylbenzene	ND	1.0	102	101	1.0				70 - 130	30
o-Xylene	ND	1.0	107	104	2.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	100	99	1.0				70 - 130	30
sec-Butylbenzene	ND	1.0	104	105	1.0				70 - 130	30
Styrene	ND	1.0	105	103	1.9				70 - 130	30
tert-Butylbenzene	ND	1.0	100	100	0.0				70 - 130	30
Tetrachloroethene	ND	1.0	105	102	2.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	97	95	2.1				70 - 130	30
Toluene	ND	1.0	104	103	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	113	106	6.4				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	107	107	0.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	119	123	3.3				70 - 130	30
Trichloroethene	ND	1.0	104	104	0.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	90	92	2.2				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	105	101	3.9				70 - 130	30
Vinyl chloride	ND	1.0	107	105	1.9				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	102	102	0.0				70 - 130	30
% Bromofluorobenzene	96	%	102	102	0.0				70 - 130	30
% Dibromofluoromethane	100	%	100	102	2.0				70 - 130	30
% Toluene-d8	90	%	99	99	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 486970 (ug/L), QC Sample No: CD50109 (CD46805 (100X))

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	94	88	6.6				70 - 130	30
Ethylbenzene	ND	1.0	96	91	5.3				70 - 130	30
m&p-Xylene	ND	1.0	95	90	5.4				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	98	99	1.0				70 - 130	30
% Bromofluorobenzene	100	%	104	106	1.9				70 - 130	30
% Dibromofluoromethane	99	%	97	98	1.0				70 - 130	30
% Toluene-d8	97	%	100	99	1.0				70 - 130	30

Comment:

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

QA/QC Data

SDG I.D.: GCD46805

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
August 05, 2019

Monday, August 05, 2019

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

State: NY

Sample Criteria Exceedances Report

GCD46805 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CD46805	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CD46805	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	2.5	2	2	ug/L
CD46805	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	2.5	2	2	ug/L
CD46805	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	89	7.0	0.7	0.7	ug/L
CD46805	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	89	7.0	1	1	ug/L
CD46805	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.6	0.6	ug/L
CD46805	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CD46805	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L
CD46805	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	250	10	5	5	ug/L
CD46805	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	250	10	5	5	ug/L
CD46805	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L
CD46805	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CD46805	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.0006	0.0006	ug/L
CD46805	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	1000	100	5	5	ug/L
CD46805	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	1000	100	5	5	ug/L
CD46805	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	300	10	5	5	ug/L
CD46805	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	300	10	5	5	ug/L
CD46805	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	53	10	5	5	ug/L
CD46805	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CD46805	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	120	10	5	5	ug/L
CD46805	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	230	10	5	5	ug/L
CD46805	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CD46805	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	1500	100	5	5	ug/L
CD46805	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	8.6	5.0	5	5	ug/L
CD46805	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	7.5	5.0	5	5	ug/L
CD46805	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	13	10	5	5	ug/L
CD46805	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CD46805	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.5	0.5	ug/L
CD46805	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	480	20	10	10	ug/L
CD46805	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	480	20	5	5	ug/L
CD46805	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	480	20	10	10	ug/L
CD46805	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CD46806	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	4.4	1.4	0.7	0.7	ug/L
CD46806	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CD46806	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	37	2.0	5	5	ug/L
CD46806	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	12	2.0	5	5	ug/L
CD46806	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CD46806	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	4.4	1.4	1	1	ug/L
CD46806	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	9.7	2.0	5	5	ug/L
CD46806	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CD46806	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L

Monday, August 05, 2019

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

State: NY

Sample Criteria Exceedances Report

GCD46805 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CD46806	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CD46806	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CD46807	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	2.7	1.4	0.7	0.7	ug/L
CD46807	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	12	2.0	5	5	ug/L
CD46807	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	5.9	2.0	5	5	ug/L
CD46807	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CD46807	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CD46807	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CD46807	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CD46807	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	2.7	1.4	1	1	ug/L
CD46807	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CD46807	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	12	2.0	5	5	ug/L
CD46807	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	23	2.0	5	5	ug/L
CD46807	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	20	2.0	5	5	ug/L
CD46807	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	7.2	2.0	5	5	ug/L
CD46807	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CD46807	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	26	2.0	5	5	ug/L
CD46808	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CD46808	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	9.6	3.5	0.7	0.7	ug/L
CD46808	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	9.6	3.5	1	1	ug/L
CD46808	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CD46808	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CD46808	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CD46808	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CD46808	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CD46808	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CD46808	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	15	5.0	5	5	ug/L
CD46808	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	15	5.0	5	5	ug/L
CD46808	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	79	5.0	5	5	ug/L
CD46808	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CD46808	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	170	20	5	5	ug/L
CD46808	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CD46808	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	26	5.0	5	5	ug/L
CD46808	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.3	5.0	5	5	ug/L
CD46808	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	27	5.0	5	5	ug/L
CD46808	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CD46808	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CD46808	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	23	5.0	10	10	ug/L
CD46808	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	23	5.0	5	5	ug/L
CD46808	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	23	5.0	10	10	ug/L

Monday, August 05, 2019

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

State: NY

Sample Criteria Exceedances Report

GCD46805 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CD46808	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CD46809	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CD46809	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CD46809	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CD46810	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CD46810	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CD46810	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

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

NY Temperature Narration

August 05, 2019

SDG I.D.: GCD46805

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 [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 1.0 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:
[x] Email: File

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

Project: 3035 White Plains Rd, Bronx
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( )oz	GL Soil container ( )oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 250ml [ ] 500ml	PL NAOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
46805	IRMW14	GW	6/26/2019	11:02	X					3							
46806	IRMW11	GW	6/26/2019	12:32	X					3							
46807	IRMW7	GW	6/26/2019	11:52	X					3							
46808	IRMW10	GW	6/26/2019	11:21	X					3							
46809	IRMW13	GW	6/26/2019	1:32	X					3							
46810	GW Trip Blanks	GW	6/26/2019	-	X					2							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-27-19	12:48
	Khurshid Hule	6-27-19	15:56

Comments, Special Requirements or Regulations:

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
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

What State were samples collected? NY

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[X] 375SCO Unrestricted Soil
[X] 375SCO Residential Soil
[X] 375SCO Residential Restricted Soil
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

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

PHOENIX
Environmental Laboratories, Inc.

Monday, October 14, 2019

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

Project ID: 3035 WHITE PLAINS RD.
SDG ID: GCE24105
Sample ID#s: CE24105 - CE24111

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

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

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

SDG Comments

October 14, 2019

SDG I.D.: GCE24105

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

October 14, 2019

SDG I.D.: GCE24105

Project ID: 3035 WHITE PLAINS RD.

Client Id	Lab Id	Matrix
IRMW-14	CE24105	GROUND WATER
IRMW-11	CE24106	GROUND WATER
IRMW-7	CE24107	GROUND WATER
IRMW-10	CE24108	GROUND WATER
IRMW-13	CE24109	GROUND WATER
GW DUPLICATE	CE24110	GROUND WATER
TRIP BLANK	CE24111	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

October 14, 2019

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:	DM	09/30/19	8:57
Location Code:	EBC	Received by:	CP	10/01/19	15:18
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE24105
Phoenix ID: CE24105

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,1-Dichloroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,1-Dichloroethene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,1-Dichloropropene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	250	63	ug/L	250	10/07/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	250	63	ug/L	250	10/07/19	MH	SW8260C	
1,2,4-Trimethylbenzene	1400	250	63	ug/L	250	10/07/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	130	130	ug/L	250	10/07/19	MH	SW8260C	
1,2-Dibromoethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,2-Dichloroethane	ND	130	130	ug/L	250	10/07/19	MH	SW8260C	
1,2-Dichloropropane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,3,5-Trimethylbenzene	200	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,3-Dichloropropane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
2,2-Dichloropropane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
2-Chlorotoluene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
2-Hexanone	ND	130	130	ug/L	250	10/07/19	MH	SW8260C	
2-Isopropyltoluene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	1
4-Chlorotoluene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	130	130	ug/L	250	10/07/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-14

Phoenix I.D.: CE24105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	500	500	ug/L	250	10/07/19	MH	SW8260C	
Acrolein	ND	630	630	ug/L	250	10/07/19	MH	SW8260C	
Acrylonitrile	ND	130	130	ug/L	250	10/07/19	MH	SW8260C	
Benzene	130	63	63	ug/L	250	10/07/19	MH	SW8260C	
Bromobenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Bromochloromethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Bromodichloromethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Bromoform	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Bromomethane	91	63	63	ug/L	250	10/07/19	MH	SW8260C	
Carbon Disulfide	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Carbon tetrachloride	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Chlorobenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Chloroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Chloroform	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Chloromethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Dibromochloromethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Dibromomethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Dichlorodifluoromethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Ethylbenzene	900	250	63	ug/L	250	10/07/19	MH	SW8260C	
Hexachlorobutadiene	ND	50	50	ug/L	250	10/07/19	MH	SW8260C	
Isopropylbenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
m&p-Xylene	2800	250	63	ug/L	250	10/07/19	MH	SW8260C	
Methyl ethyl ketone	ND	500	500	ug/L	250	10/07/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	250	63	ug/L	250	10/07/19	MH	SW8260C	
Methylene chloride	ND	130	130	ug/L	250	10/07/19	MH	SW8260C	
Naphthalene	440	250	250	ug/L	250	10/07/19	MH	SW8260C	
n-Butylbenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
n-Propylbenzene	86	63	63	ug/L	250	10/07/19	MH	SW8260C	
o-Xylene	350	250	63	ug/L	250	10/07/19	MH	SW8260C	
p-Isopropyltoluene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
sec-Butylbenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Styrene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
tert-Butylbenzene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Tetrachloroethene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND	310	310	ug/L	250	10/07/19	MH	SW8260C	1
Toluene	370	250	63	ug/L	250	10/07/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	630	630	ug/L	250	10/07/19	MH	SW8260C	
Trichloroethene	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Trichlorofluoromethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Trichlorotrifluoroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
Vinyl chloride	ND	63	63	ug/L	250	10/07/19	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (250x)	97			%	250	10/07/19	MH	70 - 130 %	
% Bromofluorobenzene (250x)	98			%	250	10/07/19	MH	70 - 130 %	
% Dibromofluoromethane (250x)	100			%	250	10/07/19	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-14

Phoenix I.D.: CE24105

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (250x)	100			%	250	10/07/19	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	25000	13000	ug/l	250	10/07/19	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	63	63	ug/L	250	10/07/19	MH	SW8260C
Acrolein	ND	630	630	ug/L	250	10/07/19	MH	SW8260C
Acrylonitrile	ND	63	63	ug/L	250	10/07/19	MH	SW8260C
Tert-butyl alcohol	ND	13000	2500	ug/L	250	10/07/19	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:

Volatile Comment:
Elevated reporting limits for volatiles due to dilution for sample matrix. The sample was analzyed as an oil/water mixture. Subsequent dilution did not correlate well with original analysis results. The higher results are reported.

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 14, 2019
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

October 14, 2019

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:	DM	09/30/19	9:50
Location Code:	EBC	Received by:	CP	10/01/19	15:18
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE24105
Phoenix ID: CE24106

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-11

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	10/05/19	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,4-Trimethylbenzene	10		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.5	2.5	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dibromoethane	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichlorobenzene	ND		4.7	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichloroethane	ND		2.5	2.5	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichloropropane	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3,5-Trimethylbenzene	1.5	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3-Dichlorobenzene	ND		3.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2-Hexanone	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
2-Isopropyltoluene	5.4		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-11

Phoenix I.D.: CE24106

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	10/05/19	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
Benzene	11		3.5	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Ethylbenzene	13		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	10/05/19	MH	SW8260C	
Isopropylbenzene	73		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
m&p-Xylene	18		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	18		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
Naphthalene	8.8		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
n-Butylbenzene	5.4		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
n-Propylbenzene	32		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
o-Xylene	2.3	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
sec-Butylbenzene	21		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
tert-Butylbenzene	1.9	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	10/05/19	MH	SW8260C	1
Toluene	2.2	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	10/05/19	MH	70 - 130 %	
% Bromofluorobenzene (5x)	102				%	5	10/05/19	MH	70 - 130 %	
% Dibromofluoromethane (5x)	100				%	5	10/05/19	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-11

Phoenix I.D.: CE24106

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	99				%	5	10/05/19	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	10/05/19	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C
Acrolein	ND		13	13	ug/L	5	10/05/19	MH	SW8260C
Acrylonitrile	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C
Tert-butyl alcohol	140	J	250	50	ug/L	5	10/05/19	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
October 14, 2019
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

October 14, 2019

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:	DM	09/30/19	11:06
Location Code:	EBC	Received by:	CP	10/01/19	15:18
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE24105
Phoenix ID: CE24107

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-7

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	10/05/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,4-Trimethylbenzene	7.2	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	10/05/19	MH	SW8260C	
2-Isopropyltoluene	5.3	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	10/05/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-7

Phoenix I.D.: CE24107

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	10/05/19	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
Benzene	8.3		3.5	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Ethylbenzene	9.2		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	10/05/19	MH	SW8260C	
Isopropylbenzene	75		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
m&p-Xylene	9.8		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	12		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
Naphthalene	27		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
n-Butylbenzene	16		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
n-Propylbenzene	120		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
o-Xylene	2.2	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
sec-Butylbenzene	22		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
tert-Butylbenzene	1.9	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	10/05/19	MH	SW8260C	1
Toluene	1.5	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	98				%	5	10/05/19	MH	70 - 130 %	
% Bromofluorobenzene (5x)	102				%	5	10/05/19	MH	70 - 130 %	
% Dibromofluoromethane (5x)	98				%	5	10/05/19	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-7

Phoenix I.D.: CE24107

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	99				%	5	10/05/19	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	10/05/19	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C
Acrolein	ND		13	13	ug/L	5	10/05/19	MH	SW8260C
Acrylonitrile	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C
Tert-butyl alcohol	100	J	250	50	ug/L	5	10/05/19	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
October 14, 2019
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

October 14, 2019

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:	DM	09/30/19	10:30
Location Code:	EBC	Received by:	CP	10/01/19	15:18
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE24105
Phoenix ID: CE24108

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-10

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	10/05/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2,4-Trimethylbenzene	5.6	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	10/05/19	MH	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	10/05/19	MH	SW8260C	
2-Isopropyltoluene	6.6	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	10/05/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-10

Phoenix I.D.: CE24108

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	10/05/19	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
Benzene	11		3.5	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	10/05/19	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Ethylbenzene	25		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	10/05/19	MH	SW8260C	
Isopropylbenzene	89		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
m&p-Xylene	12		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	14		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
Naphthalene	86		5.0	5.0	ug/L	5	10/05/19	MH	SW8260C	
n-Butylbenzene	28		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
n-Propylbenzene	170		20	5.0	ug/L	20	10/03/19	MH	SW8260C	
o-Xylene	3.2	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
sec-Butylbenzene	27		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
tert-Butylbenzene	2.3	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	10/05/19	MH	SW8260C	1
Toluene	2.4	J	5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/05/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	10/05/19	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	10/05/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	99				%	5	10/05/19	MH	70 - 130 %	
% Bromofluorobenzene (5x)	103				%	5	10/05/19	MH	70 - 130 %	
% Dibromofluoromethane (5x)	102				%	5	10/05/19	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-10

Phoenix I.D.: CE24108

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	99				%	5	10/05/19	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	95				%	20	10/03/19	MH	70 - 130 %
% Bromofluorobenzene (20x)	97				%	20	10/03/19	MH	70 - 130 %
% Dibromofluoromethane (20x)	102				%	20	10/03/19	MH	70 - 130 %
% Toluene-d8 (20x)	95				%	20	10/03/19	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	10/05/19	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C
Acrolein	ND		13	13	ug/L	5	10/05/19	MH	SW8260C
Acrylonitrile	ND		5.0	1.3	ug/L	5	10/05/19	MH	SW8260C
Tert-butyl alcohol	140	J	250	50	ug/L	5	10/05/19	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
October 14, 2019
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

October 14, 2019

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:	DM	09/30/19	12:38
Location Code:	EBC	Received by:	CP	10/01/19	15:18
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE24105
Phoenix ID: CE24109

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-13

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	10/07/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,2,4-Trimethylbenzene	2.5	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/07/19	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/07/19	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/07/19	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/07/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-13

Phoenix I.D.: CE24109

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	19	S	5.0	2.5	ug/L	1	10/07/19	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/07/19	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/07/19	MH	SW8260C	
Benzene	0.37	J	0.70	0.25	ug/L	1	10/07/19	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Carbon Disulfide	1.5		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/19	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Ethylbenzene	2.1		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/07/19	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
m&p-Xylene	1.1		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Methyl ethyl ketone	4.8		2.5	2.5	ug/L	1	10/07/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	3.2		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/07/19	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	10/07/19	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
n-Propylbenzene	0.30	J	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
o-Xylene	0.65	J	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	10/07/19	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/07/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/07/19	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/07/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	10/07/19	MH	70 - 130 %	
% Bromofluorobenzene	105				%	1	10/07/19	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	10/07/19	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD.
Client ID: IRMW-13

Phoenix I.D.: CE24109

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	10/07/19	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	10/07/19	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/07/19	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	10/07/19	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/07/19	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	10/07/19	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.

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
October 14, 2019
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

October 14, 2019

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:	DM	09/30/19	
Location Code:	EBC	Received by:	CP	10/01/19	15:18
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE24105
Phoenix ID: CE24110

Project ID: 3035 WHITE PLAINS RD.
Client ID: GW DUPLICATE

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	10/08/19	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.3	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.3	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,2,4-Trimethylbenzene	12		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.5	2.5	ug/L	5	10/08/19	MH	SW8260C	
1,2-Dibromoethane	ND		1.3	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,2-Dichlorobenzene	ND		4.7	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,2-Dichloroethane	ND		2.5	2.5	ug/L	5	10/08/19	MH	SW8260C	
1,2-Dichloropropane	ND		1.3	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,3,5-Trimethylbenzene	1.7	J	5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,3-Dichlorobenzene	ND		3.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
2-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
2-Hexanone	ND		13	13	ug/L	5	10/08/19	MH	SW8260C	
2-Isopropyltoluene	5.2		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	10/08/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD.
Client ID: GW DUPLICATE

Phoenix I.D.: CE24110

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	10/08/19	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	10/08/19	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	10/08/19	MH	SW8260C	
Benzene	11		3.5	1.3	ug/L	5	10/08/19	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	10/08/19	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/08/19	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Ethylbenzene	15		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	10/08/19	MH	SW8260C	
Isopropylbenzene	74		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
m&p-Xylene	21		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	10/08/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	17		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	10/08/19	MH	SW8260C	
Naphthalene	8.8		5.0	5.0	ug/L	5	10/08/19	MH	SW8260C	
n-Butylbenzene	5.2		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
n-Propylbenzene	29		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
o-Xylene	2.7	J	5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
sec-Butylbenzene	19		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
tert-Butylbenzene	1.9	J	5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	10/08/19	MH	SW8260C	1
Toluene	2.5	J	5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/08/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	10/08/19	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	10/08/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	10/08/19	MH	70 - 130 %	
% Bromofluorobenzene (5x)	98				%	5	10/08/19	MH	70 - 130 %	
% Dibromofluoromethane (5x)	98				%	5	10/08/19	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD.
Client ID: GW DUPLICATE

Phoenix I.D.: CE24110

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	99				%	5	10/08/19	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	10/08/19	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C
Acrolein	ND		13	13	ug/L	5	10/08/19	MH	SW8260C
Acrylonitrile	ND		5.0	1.3	ug/L	5	10/08/19	MH	SW8260C
Tert-butyl alcohol	160	J	250	50	ug/L	5	10/08/19	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
October 14, 2019
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

October 14, 2019

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:	WATER	Collected by:	DM	09/30/19	
Location Code:	EBC	Received by:	CP	10/01/19	15:18
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE24105
Phoenix ID: CE24111

Project ID: 3035 WHITE PLAINS RD.
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	10/03/19	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	10/03/19	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/03/19	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/03/19	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/03/19	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD.
Client ID: TRIP BLANK

Phoenix I.D.: CE24111

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.5	JS	5.0	2.5	ug/L	1	10/03/19	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/03/19	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/03/19	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	10/03/19	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/03/19	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/03/19	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/03/19	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/03/19	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	10/03/19	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	10/03/19	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/03/19	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/03/19	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/03/19	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	10/03/19	MH	70 - 130 %	
% Bromofluorobenzene	98				%	1	10/03/19	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	10/03/19	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD.
Client ID: TRIP BLANK

Phoenix I.D.: CE24111

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	10/03/19	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	10/03/19	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/03/19	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	10/03/19	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/03/19	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	10/03/19	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:

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.

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
October 14, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Monday, October 14, 2019

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCE24105 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CE24105	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	440	250	10	10	ug/L
CE24105	$8260DP25R	Dibromochloromethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	50	50	ug/L
CE24105	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	440	250	5	5	ug/L
CE24105	$8260DP25R	1,3-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,3-Dichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,4-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Methyl ethyl ketone	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	50	50	ug/L
CE24105	$8260DP25R	Carbon tetrachloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Carbon Disulfide	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	50	50	ug/L
CE24105	$8260DP25R	4-Methyl-2-pentanone	NY / TAGM - Volatile Organics / Groundwater Standards	ND	130	50	50	ug/L
CE24105	$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	50	50	ug/L
CE24105	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	130	5	5	ug/L
CE24105	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	350	250	5	5	ug/L
CE24105	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	130	63	0.7	0.7	ug/L
CE24105	$8260DP25R	Chloroform	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	7	7	ug/L
CE24105	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	900	250	5	5	ug/L
CE24105	$8260DP25R	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	2	2	ug/L
CE24105	$8260DP25R	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Trichlorotrifluoroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	370	250	5	5	ug/L
CE24105	$8260DP25R	1,1-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,2,3-Trichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	5	5	ug/L
CE24105	$8260DP25R	Chloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	50	50	ug/L
CE24105	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	63	4.7	4.7	ug/L
CE24105	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	130	5	5	ug/L
CE24105	$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Methyl ethyl ketone	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
CE24105	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	50	0.5	0.5	ug/L
CE24105	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Dichlorodifluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	130	5	5	ug/L
CE24105	$8260DP25R	Dibromomethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	900	250	5	5	ug/L
CE24105	$8260DP25R	Tetrahydrofuran (THF)	NY / TOGS - Water Quality / GA Criteria	ND	310	50	50	ug/L
CE24105	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	63	2	2	ug/L
CE24105	$8260DP25R	Trichlorotrifluoroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L

Monday, October 14, 2019

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCE24105 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CE24105	$8260DP25R	Trichlorofluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
CE24105	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	63	0.4	0.4	ug/L
CE24105	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	370	250	5	5	ug/L
CE24105	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	440	250	10	10	ug/L
CE24105	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Styrene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	350	250	5	5	ug/L
CE24105	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	86	63	5	5	ug/L
CE24105	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	1400	250	5	5	ug/L
CE24105	$8260DP25R	Dibromochloromethane	NY / TOGS - Water Quality / GA Criteria	ND	63	50	50	ug/L
CE24105	$8260DP25R	2,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Chloroform	NY / TOGS - Water Quality / GA Criteria	ND	63	7	7	ug/L
CE24105	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	63	3	3	ug/L
CE24105	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	200	63	5	5	ug/L
CE24105	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	63	1	1	ug/L
CE24105	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	130	0.6	0.6	ug/L
CE24105	$8260DP25R	2-Hexanone	NY / TOGS - Water Quality / GA Criteria	ND	130	50	50	ug/L
CE24105	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	130	0.04	0.04	ug/L
CE24105	$8260DP25R	2-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	63	0.04	0.04	ug/L
CE24105	$8260DP25R	1,1-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,1-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	1	1	ug/L
CE24105	$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	63	0.0006	0.0006	ug/L
CE24105	$8260DP25R	Carbon tetrachloride	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	63	0.4	0.4	ug/L
CE24105	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,1,1,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	1,3-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L

Monday, October 14, 2019

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCE24105 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CE24105	$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	91	63	5	5	ug/L
CE24105	$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	130	5	5	ug/L
CE24105	$8260DP25R	4-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
CE24105	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
CE24105	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	130	63	1	1	ug/L
CE24105	$8260DP25R	Bromobenzene	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Bromochloromethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$8260DP25R	Bromodichloromethane	NY / TOGS - Water Quality / GA Criteria	ND	63	50	50	ug/L
CE24105	$8260DP25R	Bromoform	NY / TOGS - Water Quality / GA Criteria	ND	63	50	50	ug/L
CE24105	$NJADD-WM	1,1,1,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24105	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
CE24105	$NJADD-WM	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	63	5	5	ug/L
CE24106	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	8.8	5.0	5	5	ug/L
CE24106	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	13	5.0	5	5	ug/L
CE24106	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	11	3.5	0.7	0.7	ug/L
CE24106	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CE24106	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	21	5.0	5	5	ug/L
CE24106	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24106	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24106	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	32	5.0	5	5	ug/L
CE24106	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.4	5.0	5	5	ug/L
CE24106	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	73	5.0	5	5	ug/L
CE24106	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CE24106	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	13	5.0	5	5	ug/L
CE24106	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24106	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CE24106	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24106	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	5.4	5.0	5	5	ug/L
CE24106	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24106	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CE24106	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CE24106	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24106	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	10	5.0	5	5	ug/L
CE24106	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	11	3.5	1	1	ug/L
CE24106	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24107	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	27	5.0	10	10	ug/L
CE24107	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	27	5.0	5	5	ug/L
CE24107	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	8.3	3.5	0.7	0.7	ug/L
CE24107	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	9.2	5.0	5	5	ug/L

Monday, October 14, 2019

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCE24105 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CE24107	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	9.2	5.0	5	5	ug/L
CE24107	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CE24107	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	75	5.0	5	5	ug/L
CE24107	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	27	5.0	10	10	ug/L
CE24107	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	16	5.0	5	5	ug/L
CE24107	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	120	5.0	5	5	ug/L
CE24107	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	22	5.0	5	5	ug/L
CE24107	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24107	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24107	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CE24107	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24107	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	8.3	3.5	1	1	ug/L
CE24107	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24107	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	7.2	5.0	5	5	ug/L
CE24107	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CE24107	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CE24107	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24107	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	5.3	5.0	5	5	ug/L
CE24107	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24107	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CE24107	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24108	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	86	5.0	10	10	ug/L
CE24108	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	86	5.0	5	5	ug/L
CE24108	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	11	3.5	0.7	0.7	ug/L
CE24108	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	25	5.0	5	5	ug/L
CE24108	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CE24108	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	89	5.0	5	5	ug/L
CE24108	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24108	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	86	5.0	10	10	ug/L
CE24108	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	28	5.0	5	5	ug/L
CE24108	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	170	20	5	5	ug/L
CE24108	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24108	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CE24108	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	27	5.0	5	5	ug/L
CE24108	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24108	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	11	3.5	1	1	ug/L
CE24108	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24108	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.6	5.0	5	5	ug/L
CE24108	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CE24108	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CE24108	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	5.6	5.0	5	5	ug/L

Monday, October 14, 2019

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCE24105 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CE24108	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CE24108	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24108	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24108	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	25	5.0	5	5	ug/L
CE24108	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24109	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CE24109	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CE24109	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CE24110	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	15	5.0	5	5	ug/L
CE24110	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	8.8	5.0	5	5	ug/L
CE24110	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	11	3.5	0.7	0.7	ug/L
CE24110	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24110	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	19	5.0	5	5	ug/L
CE24110	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	29	5.0	5	5	ug/L
CE24110	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.2	5.0	5	5	ug/L
CE24110	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CE24110	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24110	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	74	5.0	5	5	ug/L
CE24110	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CE24110	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	15	5.0	5	5	ug/L
CE24110	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CE24110	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	11	3.5	1	1	ug/L
CE24110	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24110	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	5.2	5.0	5	5	ug/L
CE24110	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CE24110	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CE24110	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	12	5.0	5	5	ug/L
CE24110	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CE24110	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24110	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CE24110	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CE24111	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CE24111	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CE24111	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

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

NY Temperature Narration

October 14, 2019

SDG I.D.: GCE24105

The samples in this delivery group were received at 4.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

Temp 4.1 °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
[X] Email: File

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

Project: 3035 White Plains Rd.
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: Derek Merker Date: 9/30/19

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
24105	IRMW-14	GW	9/30/19	8:57	X				3						
24106	IRMW-11	GW	9/30/19	9:50	X				3						
24107	IRMW-7	GW	9/30/19	11:06	X				3						
24108	IRMW-10	GW	9/30/19	10:30	X				3						
24109	IRMW-13	GW	9/30/19	12:38	X				3						
24110	GW Duplicate	GW			X				3						
24111	Triplanks				X				2						

Relinquished by:	Accepted by:	Date:	Time:
Derek Merker	[signature]	10-1-19	9:04
[signature]	[signature]	10-1-19	15:18

Comments, Special Requirements or Regulations:

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

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

Project Id : 3035 WHITE PLAINS RD

	CAS	Units	TAGM-GW	TOGS-WQ/GA	CE85379				CE85380				CE85381				CE85382				CE85383				CE85384				CE85385			
Lab Sample Id					CE85379				CE85380				CE85381				CE85382				CE85383				CE85384				CE85385			
Collection Date					12/10/2019				12/10/2019				12/10/2019				12/10/2019				12/10/2019				12/10/2019				12/10/2019			
Client Id					IRMW-14				IRMW-11				IRMW-7				IRMW-10				IRMW-13				GW DUPLICATE				TRIP BLANKS			
Matrix					Ground Water				Ground Water				Ground Water				Ground Water				Ground Water				Ground Water				Ground Water			
					Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Volatiles By SW8260C																																
1,1,1-Trichloroethane	71-55-6	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
1,1,2-Trichloroethane	79-00-5	ug/L		1	< 5.0	5.0	U	5.0	< 1.3	1.3	U	1.3	< 1.0	1.0	U	0.50	< 1.3	1.3	U	1.3	< 1.0	1.0	U	0.25	< 1.3	1.3	U	1.3	< 1.0	1.0	U	0.25
1,1-Dichloroethane	75-34-3	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
1,1-Dichloroethene	75-35-4	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
1,1-Dichloropropene	563-58-6	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
1,2,3-Trichlorobenzene	87-61-6	ug/L			< 20	20	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
1,2,3-Trichloropropane	96-18-4	ug/L	5	0.04	< 5.0	5.0	U	5.0	< 1.3	1.3	U	1.3	< 0.50	0.50	U	0.50	< 1.3	1.3	U	1.3	< 0.25	0.25	U	0.25	< 1.3	1.3	U	1.3	< 0.25	0.25	U	0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L			< 20	20	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
1,2,4-Trimethylbenzene	95-63-6	ug/L		5	2,100	400		100	10	5.0		1.3	2.3	2.0		0.50	1.6	5.0	J	1.3	14	1.0		0.25	10	5.0		1.3	< 1.0	1.0	U	0.25
1,2-Dibromo-3-chloropropane	96-12-8	ug/L		0.04	< 10	10	U	10	< 2.5	2.5	U	2.5	< 1.0	1.0	U	1.0	< 2.5	2.5	U	2.5	< 0.50	0.50	U	0.50	< 2.5	2.5	U	2.5	< 0.50	0.50	U	0.50
1,2-Dibromoethane	106-93-4	ug/L		0.0006	< 5.0	5.0	U	5.0	< 1.3	1.3	U	1.3	< 0.50	0.50	U	0.50	< 1.3	1.3	U	1.3	< 0.25	0.25	U	0.25	< 1.3	1.3	U	1.3	< 0.25	0.25	U	0.25
1,2-Dichlorobenzene	95-50-1	ug/L	4.7		< 5.0	5.0	U	5.0	< 4.7	4.7	U	1.3	< 2.0	2.0	U	0.50	< 4.7	4.7	U	1.3	< 1.0	1.0	U	0.25	< 4.7	4.7	U	1.3	< 1.0	1.0	U	0.25
1,2-Dichloroethane	107-06-2	ug/L	5	0.6	< 10	10	U	10	< 2.5	2.5	U	2.5	< 1.0	1.0	U	1.0	< 2.5	2.5	U	2.5	< 0.60	0.60	U	0.50	< 2.5	2.5	U	2.5	< 0.60	0.60	U	0.50
1,2-Dichloropropane	78-87-5	ug/L		1	< 5.0	5.0	U	5.0	< 1.3	1.3	U	1.3	< 1.0	1.0	U	0.50	< 1.3	1.3	U	1.3	< 1.0	1.0	U	0.25	< 1.3	1.3	U	1.3	< 1.0	1.0	U	0.25
1,3,5-Trimethylbenzene	108-67-8	ug/L		5	330	20		5.0	3.7	5.0	J	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	1.1	1.0		0.25	3.7	5.0	J	1.3	< 1.0	1.0	U	0.25
1,3-Dichlorobenzene	541-73-1	ug/L	5	3	< 5.0	5.0	U	5.0	< 3.0	3.0	U	1.3	< 2.0	2.0	U	0.50	< 3.0	3.0	U	1.3	< 1.0	1.0	U	0.25	< 3.0	3.0	U	1.3	< 1.0	1.0	U	0.25
1,3-Dichloropropane	142-28-9	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
1,4-Dichlorobenzene	106-46-7	ug/L	5		< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
2,2-Dichloropropane	594-20-7	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
2-Chlorotoluene	95-49-8	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
2-Hexanone	591-78-6	ug/L		50	< 50	50	U	50	< 13	13	U	13	< 5.0	5.0	U	5.0	< 13	13	U	13	< 2.5	2.5	U	2.5	< 13	13	U	13	< 2.5	2.5	U	2.5
2-Isopropyltoluene	527-84-4	ug/L		5	< 5.0	5.0	U	5.0	5.4	5.0		1.3	5.9	2.0		0.50	7	5.0		1.3	1.5	1.0		0.25	5.8	5.0		1.3	< 1.0	1.0	U	0.25
4-Chlorotoluene	106-43-4	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
4-Methyl-2-pentanone	108-10-1	ug/L	50		< 50	50	U	50	< 13	13	U	13	< 5.0	5.0	U	5.0	< 13	13	U	13	< 2.5	2.5	U	2.5	< 13	13	U	13	< 2.5	2.5	U	2.5
Acetone	67-64-1	ug/L	50	50	< 50	50	U	50	< 25	25	U	13	< 10	10	U	5.0	< 25	25	U	13	< 5.0	5.0	U	2.5	< 25	25	U	13	< 5.0	5.0	U	2.5
Benzene	71-43-2	ug/L	0.7	1	130	14		5.0	9.2	3.5		1.3	5.5	1.4		0.50	10	3.5		1.3	2	0.70		0.25	9.1	3.5		1.3	< 0.70	0.70	U	0.25
Bromobenzene	108-86-1	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Bromochloromethane	74-97-5	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Bromodichloromethane	75-27-4	ug/L		50	< 20	20	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Bromoform	75-25-2	ug/L		50	< 50	50	U	5.0	< 25	25	U	1.3	< 10	10	U	0.50	< 25	25	U	1.3	< 5.0	5.0	U	0.25	< 25	25	U	1.3	< 5.0	5.0	U	0.25
Bromomethane	74-83-9	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
Carbon Disulfide	75-15-0	ug/L	50		< 20	20	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Carbon tetrachloride	56-23-5	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Chlorobenzene	108-90-7	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
Chloroethane	75-00-3	ug/L	50	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
Chloroform	67-66-3	ug/L	7	7	< 7.0	7.0	U	5.0	< 7.0	7.0	U	1.3	< 7.0	7.0	U	0.50	< 7.0	7.0	U	1.3	< 5.0	5.0	U	0.25	< 7.0	7.0	U	1.3	< 5.0	5.0	U	0.25
Chloromethane	74-87-3	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
cis-1,2-Dichloroethene	156-59-2	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
cis-1,3-Dichloropropene	10061-01-5	ug/L		0.4	< 5.0	5.0	U	5.0	< 1.3	1.3	U	1.3	< 0.50	0.50	U	0.50	< 1.3	1.3	U	1.3	< 0.40	0.40	U	0.25	< 1.3	1.3	U	1.3	< 0.40	0.40	U	0.25
Dibromochloromethane	124-48-1	ug/L	50	50	< 20	20	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Dibromomethane	74-95-3	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Dichlorodifluoromethane	75-71-8	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Ethylbenzene	100-41-4	ug/L	5	5	1,200	400		100	12	5.0		1.3	4.6	2.0		0.50	20	5.0		1.3	6.7	1.0		0.25	12	5.0		1.3	< 1.0	1.0	U	0.25
Hexachlorobutadiene	87-68-3	ug/L		0.5	< 4.0	4.0	U	4.0	< 1.0	1.0	U	1.0	< 0.50	0.50	U	0.40	< 1.0	1.0	U	1.0	< 0.50	0.50	U	0.20	< 1.0	1.0	U	1.0	< 0.50	0.50	U	0.20
Isopropylbenzene	98-82-8	ug/L		5	54	20		5.0	68	5.0		1.3	50	20		5.0	110	5.0		1.3	7.4	1.0		0.25	73	5.0		1.3	< 1.0	1.0	U	0.25
m&p-Xylene	179601-23-1	ug/L			3,500	400		100	13	5.0		1.3	0.98	2.0	J	0.50	2.9	5.0	J	1.3	6.6	1.0		0.25	13	5.0		1.3	< 1.0	1.0	U	0.25
Methyl ethyl ketone	78-93-3	ug/L	50	50	< 50	50	U	50	< 13	13	U	13	< 5.0	5.0	U	5.0	< 13	13	U	13	< 2.5	2.5	U	2.5	< 13	13	U	13	< 2.5	2.5	U	2.5
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L			14	20	J	5.0	13	5.0		1.3	8.6	2.0		0.50	11	5.0		1.3	0.87	1.0	J	0.25	13	5.0		1.3	< 1.0	1.0	U	0.25
Methylene chloride	75-09-2	ug/L	5	5	< 10	10	U	10	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	5.0	< 3.0	3.0	U	1.0	< 5.0	5.0	U	5.0	< 3.0	3.0	U	1.0
Naphthalene	91-20-3	ug/L	10	10	390	20		20	17	5.0		5.0	2.3	2.0		2.0	27	5.0		5.0	3.1	1.0		1.0	16	5.0		5.0	< 1.0	1.0	U	1.0
n-Butylbenzene	104-51-8	ug/L		5	8.8	5.0		5.0	12	5.0		1.3	5	2.0		0.50	33	5.0		1.3	1.2	1.0		0.25	12	5.0		1.3	< 1.0	1.0	U	0.25
n-Propylbenzene	103-65-1	ug/L		5	120	20		5.0	92	5.0		1.3	27	2.0		0.50	190	20		5.0	5.6	1.0		0.25	98	5.0		1.3	< 1.0	1.0	U	0.25
o-Xylene	95-47-6	ug/L	5	5	480	20		5.0	2.5	5.0	J	1.3	0.74	2.0	J	0.50	1.6	5.0	J	1.3	0.7	1.0	J	0.25	2.7	5.0	J	1.3	< 1.0	1.0	U	0.25
p-Isopropyltoluene	99-87-6	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	0.95	1.0	J	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
sec-Butylbenzene	135-98-8	ug/L		5	< 5.0	5.0	U	5.0	20	5.0		1.3	19	2.0		0.50	33	5.0		1.3	6.2	1.0		0.25	22	5.0		1.3	< 1.0	1.0	U	0.25
Styrene	100-42-5	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
tert-Butylbenzene	98-06-6	ug/L		5	< 5.0	5.0	U	5.0	1.8	5.0	J	1.3	1.4	2.0	J	0.50	2.2	5.0	J	1.3	0.5	1.0	J	0.25	1.9	5.0	J	1.3	< 1.0	1.0	U	0.25
Tetrachloroethene	127-18-4	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Tetrahydrofuran (THF)	109-99-9	ug/L		50	< 50	50	U	50	< 25	25	U	13	< 10	10	U	5.0	< 25	25	U	13	< 5.0	5.0	U	2.5	< 25	25	U	13	< 5.0	5.0	U	2.5
Toluene	108-88-3	ug/L	5	5	530	20		5.0	1.5	5.0	J	1.3	0.76	2.0	J	0.50	1.7	5.0	J	1.3	0.57	1.0	J	0.25	1.7	5.0	J	1.3	< 1.0	1.0	U	0.25
trans-1,2-Dichloroethene	156-60-5	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
trans-1,3-Dichloropropene	10061-02-6	ug/L		0.4	< 5.0	5.0	U	5.0	< 1.3	1.3	U	1.3	< 0.50	0.50	U	0.50	< 1.3	1.3	U	1.3	< 0.40	0.40	U	0.25	< 1.3	1.3	U	1.3	< 0.40	0.40	U	0.25
trans-1,4-dichloro-2-butene	110-57-6	ug/L		5	< 50	50	U	50	< 13	13	U	13	< 5.0	5.0	U	5.0	< 13	13	U	13	< 2.5	2.5	U	2.5	< 13	13	U	13	< 2.5	2.5	U	2.5
Trichloroethene	79-01-6	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Trichlorofluoromethane	75-69-4	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Trichlorotrifluoroethane	76-13-1	ug/L	5	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25

Vinyl chloride	75-01-4	ug/L	2	2	< 5.0	5.0	U	5.0	< 2.0	2.0	U	1.3	< 2.0	2.0	U	0.50	< 2.0	2.0	U	1.3	< 1.0	1.0	U	0.25	< 2.0	2.0	U	1.3	< 1.0	1.0	U	0.25
1,1,1,2-Tetrachloroethane	630-20-6	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 2.0	2.0	U	0.50	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25	< 5.0	5.0	U	1.3	< 1.0	1.0	U	0.25
Acrolein	107-02-8	ug/L		5	< 50	50	U	50	< 13	13	U	13	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	2.5	< 13	13	U	13	< 5.0	5.0	U	2.5
Acrylonitrile	107-13-1	ug/L		5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.50	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	1.3	< 5.0	5.0	U	0.25
Tert-butyl alcohol	75-65-0	ug/L			< 1000	1,000	U	200	85	250	J	50	53	100	J	20	95	250	J	50	< 50	50	U	10	91	250	J	50	< 50	50	U	10
1,4-dioxane By SW8260C																																
1,4-dioxane	123-91-1	ug/l			< 2000	2,000	U	1000	< 500	500	U	250	< 200	200	U	100	< 500	500	U	250	< 100	100	U	50	< 500	500	U	250	< 100	100	U	50

Qualifiers

U	The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

PHOENIX
Environmental Laboratories, Inc.

Saturday, April 04, 2020

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

Project ID: 3035 WHITE PLAINS RD
SDG ID: GCF58385
Sample ID#s: CF58385 - CF58391

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

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

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: 3035 WHITE PLAINS RD

Laboratory Project: GCF58385

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

NY Analytical Services Protocol Format

April 04, 2020 **SDG I.D.: GCF58385**

Environmental Business Consultants 3035 WHITE PLAINS RD

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.

PHOENIX

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

April 04, 2020 **SDG I.D.: GCF58385**

Environmental Business Consultants 3035 WHITE PLAINS RD

Laboratory Chronicle

The samples in this delivery group were received at 2.6°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CF58385	1,4-dioxane	03/27/20	03/31/20	03/31/20	MH	Y
CF58385	Volatiles	03/27/20	03/31/20	03/31/20	MH	Y
CF58385	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58386	1,4-dioxane	03/27/20	04/01/20	04/01/20	MH	Y
CF58386	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58386	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58387	1,4-dioxane	03/27/20	04/01/20	04/01/20	MH	Y
CF58387	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58387	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58388	1,4-dioxane	03/27/20	04/01/20	04/01/20	MH	Y
CF58388	Volatiles	03/27/20	03/31/20	03/31/20	MH	Y
CF58388	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58389	1,4-dioxane	03/27/20	04/01/20	04/01/20	MH	Y
CF58389	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58389	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58390	1,4-dioxane	03/27/20	03/31/20	03/31/20	MH	Y
CF58390	Volatiles	03/27/20	03/31/20	03/31/20	MH	Y
CF58390	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58391	1,4-dioxane	03/27/20	04/01/20	04/01/20	MH	Y
CF58391	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y
CF58391	Volatiles	03/27/20	04/01/20	04/01/20	MH	Y

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

SDG Comments

April 04, 2020

SDG I.D.: GCF58385

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.

Sample(s) required a dilution for Volatiles due to the presence of target and/or non-target compounds. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

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

April 04, 2020

SDG I.D.: GCF58385

Project ID: 3035 WHITE PLAINS RD

Client Id	Lab Id	Matrix
IRMW-14	CF58385	GROUND WATER
IRMW-11	CF58386	GROUND WATER
IRMW-7	CF58387	GROUND WATER
IRMW-10	CF58388	GROUND WATER
IRMW-13	CF58389	GROUND WATER
GW DUPLICATE	CF58390	GROUND WATER
TRIP BLANK	CF58391	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

April 04, 2020

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:	DM	03/27/20	8:25
Location Code:	EBC	Received by:	SW	03/30/20	14:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCF58385
Phoenix ID: CF58385

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-14

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,4-Trimethylbenzene	2600	D	100	25	ug/L	100	04/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dibromoethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dichloroethane	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,3,5-Trimethylbenzene	340		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
2-Chlorotoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
2-Hexanone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
2-Isopropyltoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-14

Phoenix I.D.: CF58385

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Acrolein	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Acrylonitrile	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
Benzene	94		14	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromochloromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromodichloromethane	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromoform	ND		50	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromomethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Carbon Disulfide	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chloroform	ND		7.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chloromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Dibromochloromethane	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Dibromomethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Ethylbenzene	1500	D	100	25	ug/L	100	04/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		4.0	4.0	ug/L	20	03/31/20	MH	SW8260C	
Isopropylbenzene	60		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
m&p-Xylene	4400	D	100	25	ug/L	100	04/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	7.5	J	20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Methylene chloride	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
Naphthalene	600	D	100	100	ug/L	100	04/01/20	MH	SW8260C	
n-Butylbenzene	10		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
n-Propylbenzene	140		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
o-Xylene	500		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
sec-Butylbenzene	8.6		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Styrene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
tert-Butylbenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	1
Toluene	360		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Trichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Vinyl chloride	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (20x)	100				%	20	03/31/20	MH	70 - 130 %	
% Bromofluorobenzene (20x)	102				%	20	03/31/20	MH	70 - 130 %	
% Dibromofluoromethane (20x)	91				%	20	03/31/20	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-14

Phoenix I.D.: CF58385

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	99			%	20	03/31/20	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	103			%	100	04/01/20	MH	70 - 130 %
% Bromofluorobenzene (100x)	96			%	100	04/01/20	MH	70 - 130 %
% Dibromofluoromethane (100x)	97			%	100	04/01/20	MH	70 - 130 %
% Toluene-d8 (100x)	99			%	100	04/01/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	1000	ug/l	20	03/31/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	03/31/20	MH	SW8260C
Acrolein	ND	50	50	ug/L	20	03/31/20	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	20	03/31/20	MH	SW8260C
Tert-butyl alcohol	ND	1000	200	ug/L	20	03/31/20	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
April 04, 2020
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

April 04, 2020

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:	DM	03/27/20	9:15
Location Code:	EBC	Received by:	SW	03/30/20	14:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCF58385
Phoenix ID: CF58386

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-11

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	04/01/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trimethylbenzene	7.3		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3,5-Trimethylbenzene	0.91	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
2-Isopropyltoluene	2.1		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-11

Phoenix I.D.: CF58386

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Benzene	3.6		0.70	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Ethylbenzene	18		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/01/20	MH	SW8260C	
Isopropylbenzene	25		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
m&p-Xylene	5.4		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	5.4		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
Naphthalene	2.4		1.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
n-Butylbenzene	2.2		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
n-Propylbenzene	16		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
o-Xylene	2.6		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
p-Isopropyltoluene	0.26	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
sec-Butylbenzene	8.3		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
tert-Butylbenzene	0.80	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	1
Toluene	1.7		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	04/01/20	MH	70 - 130 %	
% Bromofluorobenzene	103				%	1	04/01/20	MH	70 - 130 %	
% Dibromofluoromethane	101				%	1	04/01/20	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-11

Phoenix I.D.: CF58386

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103				%	1	04/01/20	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	04/01/20	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Acrolein	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C
Acrylonitrile	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Tert-butyl alcohol	18	J	50	10	ug/L	1	04/01/20	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
April 04, 2020
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

April 04, 2020

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:	DM	03/27/20	10:05
Location Code:	EBC	Received by:	SW	03/30/20	14:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCF58385
Phoenix ID: CF58387

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-7

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	04/01/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trimethylbenzene	6.9		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3,5-Trimethylbenzene	0.37	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
2-Isopropyltoluene	1.3		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-7

Phoenix I.D.: CF58387

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Benzene	1.5		0.70	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Ethylbenzene	5.8		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/01/20	MH	SW8260C	
Isopropylbenzene	14		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
m&p-Xylene	2.1		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	7.2		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
Naphthalene	2.9		1.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
n-Butylbenzene	2.1		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
n-Propylbenzene	10		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
o-Xylene	1.2		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
sec-Butylbenzene	6.0		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
tert-Butylbenzene	0.56	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	1
Toluene	0.53	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	105				%	1	04/01/20	MH	70 - 130 %	
% Bromofluorobenzene	102				%	1	04/01/20	MH	70 - 130 %	
% Dibromofluoromethane	96				%	1	04/01/20	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-7

Phoenix I.D.: CF58387

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102				%	1	04/01/20	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	04/01/20	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Acrolein	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C
Acrylonitrile	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Tert-butyl alcohol	22	J	50	10	ug/L	1	04/01/20	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
April 04, 2020
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

April 04, 2020

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:	DM	03/27/20	10:40
Location Code:	EBC	Received by:	SW	03/30/20	14:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCF58385
Phoenix ID: CF58388

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-10

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	04/01/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	04/01/20	MH	SW8260C	
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	04/01/20	MH	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	04/01/20	MH	SW8260C	
2-Isopropyltoluene	6.8	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	04/01/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-10

Phoenix I.D.: CF58388

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	04/01/20	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	04/01/20	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	04/01/20	MH	SW8260C	
Benzene	11		3.5	1.3	ug/L	5	04/01/20	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	04/01/20	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	04/01/20	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Ethylbenzene	27		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	04/01/20	MH	SW8260C	
Isopropylbenzene	98		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
m&p-Xylene	2.5	J	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	04/01/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	9.6		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	04/01/20	MH	SW8260C	
Naphthalene	77		5.0	5.0	ug/L	5	04/01/20	MH	SW8260C	
n-Butylbenzene	29		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
n-Propylbenzene	170	D	20	5.0	ug/L	20	03/31/20	MH	SW8260C	
o-Xylene	1.3	J	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
sec-Butylbenzene	31		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
tert-Butylbenzene	2.4	J	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	04/01/20	MH	SW8260C	1
Toluene	2.4	J	5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	04/01/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	04/01/20	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	04/01/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	104				%	5	04/01/20	MH	70 - 130 %	
% Bromofluorobenzene (5x)	101				%	5	04/01/20	MH	70 - 130 %	
% Dibromofluoromethane (5x)	94				%	5	04/01/20	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-10

Phoenix I.D.: CF58388

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	102				%	5	04/01/20	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	102				%	20	03/31/20	MH	70 - 130 %
% Bromofluorobenzene (20x)	98				%	20	03/31/20	MH	70 - 130 %
% Dibromofluoromethane (20x)	95				%	20	03/31/20	MH	70 - 130 %
% Toluene-d8 (20x)	101				%	20	03/31/20	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	04/01/20	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C
Acrolein	ND		13	13	ug/L	5	04/01/20	MH	SW8260C
Acrylonitrile	ND		5.0	1.3	ug/L	5	04/01/20	MH	SW8260C
Tert-butyl alcohol	69	J	250	50	ug/L	5	04/01/20	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.

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

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
April 04, 2020
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

April 04, 2020

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:	DM	03/27/20	11:33
Location Code:	EBC	Received by:	SW	03/30/20	14:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCF58385
Phoenix ID: CF58389

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-13

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	04/01/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trimethylbenzene	17		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3,5-Trimethylbenzene	0.91	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
2-Isopropyltoluene	1.6		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-13

Phoenix I.D.: CF58389

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Benzene	2.5		0.70	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Ethylbenzene	13		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/01/20	MH	SW8260C	
Isopropylbenzene	9.5		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
m&p-Xylene	10		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.68	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
n-Butylbenzene	0.67	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
n-Propylbenzene	4.0		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
o-Xylene	1.0		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
p-Isopropyltoluene	0.64	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
sec-Butylbenzene	6.8		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
tert-Butylbenzene	0.65	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	1
Toluene	0.75	J	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	04/01/20	MH	70 - 130 %	
% Bromofluorobenzene	109				%	1	04/01/20	MH	70 - 130 %	
% Dibromofluoromethane	90				%	1	04/01/20	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD
Client ID: IRMW-13

Phoenix I.D.: CF58389

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	104			%	1	04/01/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/01/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/01/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/01/20	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
April 04, 2020
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

April 04, 2020

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:	DM	03/27/20	
Location Code:	EBC	Received by:	SW	03/30/20	14:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCF58385
Phoenix ID: CF58390

Project ID: 3035 WHITE PLAINS RD
Client ID: GW DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2,4-Trimethylbenzene	2300	D	400	100	ug/L	400	04/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dibromoethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dichloroethane	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
1,2-Dichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,3,5-Trimethylbenzene	300		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
2-Chlorotoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
2-Hexanone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
2-Isopropyltoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD
Client ID: GW DUPLICATE

Phoenix I.D.: CF58390

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Acrolein	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Acrylonitrile	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
Benzene	97		14	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromochloromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromodichloromethane	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromoform	ND		50	5.0	ug/L	20	03/31/20	MH	SW8260C	
Bromomethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Carbon Disulfide	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chlorobenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chloroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chloroform	ND		7.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Chloromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Dibromochloromethane	ND		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Dibromomethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Ethylbenzene	1400	D	400	100	ug/L	400	04/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		4.0	4.0	ug/L	20	03/31/20	MH	SW8260C	
Isopropylbenzene	54		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
m&p-Xylene	3900	D	400	100	ug/L	400	04/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	8.2	J	20	5.0	ug/L	20	03/31/20	MH	SW8260C	
Methylene chloride	ND		10	10	ug/L	20	03/31/20	MH	SW8260C	
Naphthalene	570	D	400	400	ug/L	400	04/01/20	MH	SW8260C	
n-Butylbenzene	8.8		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
n-Propylbenzene	120		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
o-Xylene	490		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
sec-Butylbenzene	7.3		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Styrene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
tert-Butylbenzene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	1
Toluene	370		20	5.0	ug/L	20	03/31/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		50	50	ug/L	20	03/31/20	MH	SW8260C	
Trichloroethene	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
Vinyl chloride	ND		5.0	5.0	ug/L	20	03/31/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (20x)	103				%	20	03/31/20	MH	70 - 130 %	
% Bromofluorobenzene (20x)	102				%	20	03/31/20	MH	70 - 130 %	
% Dibromofluoromethane (20x)	95				%	20	03/31/20	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD
Client ID: GW DUPLICATE

Phoenix I.D.: CF58390

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	100			%	20	03/31/20	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (400x)	100			%	400	04/01/20	MH	70 - 130 %
% Bromofluorobenzene (400x)	97			%	400	04/01/20	MH	70 - 130 %
% Dibromofluoromethane (400x)	93			%	400	04/01/20	MH	70 - 130 %
% Toluene-d8 (400x)	100			%	400	04/01/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	1000	ug/l	20	03/31/20	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	103			%	20	03/31/20	MH	70 - 130 %
% Bromofluorobenzene (20x)	102			%	20	03/31/20	MH	70 - 130 %
% Dibromofluoromethane (20x)	95			%	20	03/31/20	MH	70 - 130 %
% Toluene-d8 (20x)	100			%	20	03/31/20	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	03/31/20	MH	SW8260C
Acrolein	ND	50	50	ug/L	20	03/31/20	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	20	03/31/20	MH	SW8260C
Tert-butyl alcohol	ND	1000	200	ug/L	20	03/31/20	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
April 04, 2020
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

April 04, 2020

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:	DM	03/27/20	
Location Code:	EBC	Received by:	SW	03/30/20	14:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCF58385
Phoenix ID: CF58391

Project ID: 3035 WHITE PLAINS RD
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	04/01/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	04/01/20	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD
Client ID: TRIP BLANK

Phoenix I.D.: CF58391

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	04/01/20	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	04/01/20	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	04/01/20	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/01/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	04/01/20	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103			%	1	04/01/20	MH	70 - 130 %	
% Bromofluorobenzene	94			%	1	04/01/20	MH	70 - 130 %	
% Dibromofluoromethane	99			%	1	04/01/20	MH	70 - 130 %	

Ver 2

Project ID: 3035 WHITE PLAINS RD
Client ID: TRIP BLANK

Phoenix I.D.: CF58391

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	04/01/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/01/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/01/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/01/20	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/01/20	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
April 04, 2020
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

QA/QC Report

April 04, 2020

QA/QC Data

SDG I.D.: GCF58385

QA/QC Batch 524956 (ug/L), QC Sample No: CF58391 (CF58388 (5X) , CF58391)

Volatiles - Ground Water

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	1.0	106	108	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	100	101	1.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	113	113	0.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	103	107	3.8				70 - 130	30
1,1-Dichloroethane	ND	1.0	101	99	2.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	112	110	1.8				70 - 130	30
1,1-Dichloropropene	ND	1.0	98	97	1.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	110	113	2.7				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	109	116	6.2				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	108	110	1.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	109	109	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	102	107	4.8				70 - 130	30
1,2-Dibromoethane	ND	1.0	105	110	4.7				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	104	106	1.9				70 - 130	30
1,2-Dichloroethane	ND	1.0	110	112	1.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	105	105	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	109	109	0.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	105	106	0.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	104	108	3.8				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	103	104	1.0				70 - 130	30
1,4-dioxane	ND	100	111	105	5.6				70 - 130	30
2,2-Dichloropropane	ND	1.0	105	104	1.0				70 - 130	30
2-Chlorotoluene	ND	1.0	105	105	0.0				70 - 130	30
2-Hexanone	ND	5.0	111	119	7.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	108	108	0.0				70 - 130	30
4-Chlorotoluene	ND	1.0	104	105	1.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	109	111	1.8				70 - 130	30
Acetone	ND	5.0	97	102	5.0				70 - 130	30
Acrolein	ND	5.0	128	129	0.8				70 - 130	30
Acrylonitrile	ND	5.0	104	107	2.8				70 - 130	30
Benzene	ND	0.70	109	108	0.9				70 - 130	30
Bromobenzene	ND	1.0	104	107	2.8				70 - 130	30
Bromochloromethane	ND	1.0	106	104	1.9				70 - 130	30
Bromodichloromethane	ND	0.50	108	110	1.8				70 - 130	30
Bromoform	ND	1.0	106	113	6.4				70 - 130	30
Bromomethane	ND	1.0	151	149	1.3				70 - 130	30
Carbon Disulfide	ND	1.0	118	115	2.6				70 - 130	30
Carbon tetrachloride	ND	1.0	101	100	1.0				70 - 130	30
Chlorobenzene	ND	1.0	105	106	0.9				70 - 130	30
Chloroethane	ND	1.0	113	111	1.8				70 - 130	30
Chloroform	ND	1.0	103	104	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GCF58385

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloromethane	ND	1.0	99	97	2.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	103	102	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	108	109	0.9				70 - 130	30
Dibromochloromethane	ND	0.50	111	115	3.5				70 - 130	30
Dibromomethane	ND	1.0	106	108	1.9				70 - 130	30
Dichlorodifluoromethane	ND	1.0	85	84	1.2				70 - 130	30
Ethylbenzene	ND	1.0	108	108	0.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	109	107	1.9				70 - 130	30
Isopropylbenzene	ND	1.0	105	105	0.0				70 - 130	30
m&p-Xylene	ND	1.0	110	111	0.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	98	110	11.5				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	104	3.9				70 - 130	30
Methylene chloride	ND	1.0	109	107	1.9				70 - 130	30
Naphthalene	ND	1.0	118	123	4.1				70 - 130	30
n-Butylbenzene	ND	1.0	109	107	1.9				70 - 130	30
n-Propylbenzene	ND	1.0	106	104	1.9				70 - 130	30
o-Xylene	ND	1.0	109	111	1.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	109	108	0.9				70 - 130	30
sec-Butylbenzene	ND	1.0	110	110	0.0				70 - 130	30
Styrene	ND	1.0	114	114	0.0				70 - 130	30
tert-butyl alcohol	ND	10	99	103	4.0				70 - 130	30
tert-Butylbenzene	ND	1.0	104	104	0.0				70 - 130	30
Tetrachloroethene	ND	1.0	98	99	1.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	111	113	1.8				70 - 130	30
Toluene	ND	1.0	108	108	0.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	101	98	3.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	109	111	1.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	117	120	2.5				70 - 130	30
Trichloroethene	ND	1.0	104	101	2.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	98	97	1.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	100	99	1.0				70 - 130	30
Vinyl chloride	ND	1.0	106	105	0.9				70 - 130	30
% 1,2-dichlorobenzene-d4	102	%	100	101	1.0				70 - 130	30
% Bromofluorobenzene	95	%	100	100	0.0				70 - 130	30
% Dibromofluoromethane	98	%	97	96	1.0				70 - 130	30
% Toluene-d8	99	%	100	100	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 524770 (ug/L), QC Sample No: CF58515 (CF58385 (20X) , CF58388 (20X) , CF58390 (20X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	105	105	0.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	101	105	3.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	108	110	1.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	100	101	1.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	98	101	3.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	113	116	2.6				70 - 130	30
1,1-Dichloropropene	ND	1.0	100	103	3.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	103	108	4.7				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	110	112	1.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	104	107	2.8				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	96	95	1.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	103	104	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GCF58385

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichlorobenzene	ND	1.0	103	105	1.9				70 - 130	30
1,2-Dichloroethane	ND	1.0	105	105	0.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	102	102	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	111	111	0.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	105	106	0.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	102	103	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	102	104	1.9				70 - 130	30
1,4-dioxane	ND	100	107	118	9.8				70 - 130	30
2,2-Dichloropropane	ND	1.0	103	106	2.9				70 - 130	30
2-Chlorotoluene	ND	1.0	106	107	0.9				70 - 130	30
2-Hexanone	ND	5.0	103	104	1.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	110	109	0.9				70 - 130	30
4-Chlorotoluene	ND	1.0	104	106	1.9				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	104	100	3.9				70 - 130	30
Acetone	ND	5.0	101	102	1.0				70 - 130	30
Acrolein	ND	5.0	126	127	0.8				70 - 130	30
Acrylonitrile	ND	5.0	102	102	0.0				70 - 130	30
Benzene	ND	0.70	108	108	0.0				70 - 130	30
Bromobenzene	ND	1.0	104	105	1.0				70 - 130	30
Bromochloromethane	ND	1.0	101	102	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	104	106	1.9				70 - 130	30
Bromoform	ND	1.0	105	104	1.0				70 - 130	30
Bromomethane	ND	1.0	161	165	2.5				70 - 130	30
Carbon Disulfide	ND	1.0	117	118	0.9				70 - 130	30
Carbon tetrachloride	ND	1.0	106	107	0.9				70 - 130	30
Chlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
Chloroethane	ND	1.0	109	113	3.6				70 - 130	30
Chloroform	ND	1.0	101	104	2.9				70 - 130	30
Chloromethane	ND	1.0	99	100	1.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	101	102	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	103	105	1.9				70 - 130	30
Dibromochloromethane	ND	0.50	109	111	1.8				70 - 130	30
Dibromomethane	ND	1.0	101	103	2.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	92	93	1.1				70 - 130	30
Hexachlorobutadiene	ND	0.40	111	110	0.9				70 - 130	30
Isopropylbenzene	ND	1.0	108	109	0.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	103	102	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	94	96	2.1				70 - 130	30
Methylene chloride	ND	1.0	102	110	7.5				70 - 130	30
n-Butylbenzene	ND	1.0	111	111	0.0				70 - 130	30
n-Propylbenzene	ND	1.0	108	109	0.9				70 - 130	30
o-Xylene	ND	1.0	108	108	0.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	111	111	0.0				70 - 130	30
sec-Butylbenzene	ND	1.0	116	116	0.0				70 - 130	30
Styrene	ND	1.0	111	111	0.0				70 - 130	30
tert-butyl alcohol	ND	10	100	111	10.4				70 - 130	30
tert-Butylbenzene	ND	1.0	108	109	0.9				70 - 130	30
Tetrachloroethene	ND	1.0	102	104	1.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	102	104	1.9				70 - 130	30
Toluene	ND	1.0	107	108	0.9				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	97	101	4.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	104	103	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	113	115	1.8				70 - 130	30

QA/QC Data

SDG I.D.: GCF58385

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichloroethene	ND	1.0	103	103	0.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	108	110	1.8				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	114	115	0.9				70 - 130	30
Vinyl chloride	ND	1.0	109	110	0.9				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	100	1.0				70 - 130	30
% Bromofluorobenzene	93	%	98	97	1.0				70 - 130	30
% Dibromofluoromethane	94	%	92	100	8.3				70 - 130	30
% Toluene-d8	101	%	100	99	1.0				70 - 130	30

Comment:

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

QA/QC Batch 524952 (ug/L), QC Sample No: CF58689 (CF58385 (100X) , CF58386, CF58387, CF58389, CF58390 (400X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	86	85	1.2				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	84	82	2.4				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	93	89	4.4				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	87	83	4.7				70 - 130	30
1,1-Dichloroethane	ND	1.0	83	83	0.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	92	91	1.1				70 - 130	30
1,1-Dichloropropene	ND	1.0	83	83	0.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	88	94	6.6				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	94	88	6.6				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	88	90	2.2				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	90	89	1.1				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	86	78	9.8				70 - 130	30
1,2-Dibromoethane	ND	1.0	87	84	3.5				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	87	84	3.5				70 - 130	30
1,2-Dichloroethane	ND	1.0	89	89	0.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	87	85	2.3				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	91	89	2.2				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	87	87	0.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	86	83	3.6				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	84	84	0.0				70 - 130	30
1,4-dioxane	ND	100	87	97	10.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	90	87	3.4				70 - 130	30
2-Chlorotoluene	ND	1.0	86	86	0.0				70 - 130	30
2-Hexanone	ND	5.0	96	85	12.2				70 - 130	30
2-Isopropyltoluene	ND	1.0	89	88	1.1				70 - 130	30
4-Chlorotoluene	ND	1.0	86	86	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	95	83	13.5				70 - 130	30
Acetone	ND	5.0	79	76	3.9				70 - 130	30
Acrolein	ND	5.0	111	103	7.5				70 - 130	30
Acrylonitrile	ND	5.0	85	79	7.3				70 - 130	30
Benzene	ND	0.70	90	91	1.1				70 - 130	30
Bromobenzene	ND	1.0	87	84	3.5				70 - 130	30
Bromochloromethane	ND	1.0	85	83	2.4				70 - 130	30
Bromodichloromethane	ND	0.50	91	88	3.4				70 - 130	30
Bromoform	ND	1.0	93	82	12.6				70 - 130	30
Bromomethane	ND	1.0	137	142	3.6				70 - 130	30
Carbon Disulfide	ND	1.0	96	96	0.0				70 - 130	30
Carbon tetrachloride	ND	1.0	89	82	8.2				70 - 130	30
Chlorobenzene	ND	1.0	88	87	1.1				70 - 130	30
Chloroethane	ND	1.0	91	92	1.1				70 - 130	30

QA/QC Data

SDG I.D.: GCF58385

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloroform	ND	1.0	85	86	1.2				70 - 130	30
Chloromethane	ND	1.0	83	86	3.6				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	84	84	0.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	91	87	4.5				70 - 130	30
Dibromochloromethane	ND	0.50	94	87	7.7				70 - 130	30
Dibromomethane	ND	1.0	87	87	0.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	82	78	5.0				70 - 130	30
Ethylbenzene	ND	1.0	90	89	1.1				70 - 130	30
Hexachlorobutadiene	ND	0.40	85	93	9.0				70 - 130	30
Isopropylbenzene	ND	1.0	88	87	1.1				70 - 130	30
m&p-Xylene	ND	1.0	92	90	2.2				70 - 130	30
Methyl ethyl ketone	ND	5.0	89	79	11.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	81	76	6.4				70 - 130	30
Methylene chloride	ND	1.0	86	86	0.0				70 - 130	30
Naphthalene	ND	1.0	99	95	4.1				70 - 130	30
n-Butylbenzene	ND	1.0	90	90	0.0				70 - 130	30
n-Propylbenzene	ND	1.0	88	87	1.1				70 - 130	30
o-Xylene	ND	1.0	91	89	2.2				70 - 130	30
p-Isopropyltoluene	ND	1.0	90	89	1.1				70 - 130	30
sec-Butylbenzene	ND	1.0	93	92	1.1				70 - 130	30
Styrene	ND	1.0	94	92	2.2				70 - 130	30
tert-butyl alcohol	ND	10	87	90	3.4				70 - 130	30
tert-Butylbenzene	ND	1.0	88	86	2.3				70 - 130	30
Tetrachloroethene	ND	1.0	85	83	2.4				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	89	83	7.0				70 - 130	30
Toluene	ND	1.0	90	90	0.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	81	82	1.2				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	92	86	6.7				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	106	89	17.4				70 - 130	30
Trichloroethene	ND	1.0	85	85	0.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	86	83	3.6				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	90	89	1.1				70 - 130	30
Vinyl chloride	ND	1.0	89	87	2.3				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	98	2.0				70 - 130	30
% Bromofluorobenzene	92	%	97	96	1.0				70 - 130	30
% Dibromofluoromethane	103	%	100	90	10.5				70 - 130	30
% Toluene-d8	100	%	100	101	1.0				70 - 130	30

Comment:

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

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

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

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

Phyllis Shiller, Laboratory Director
April 04, 2020

Saturday, April 04, 2020

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCF58385 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CF58385	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CF58385	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
CF58385	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
CF58385	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CF58385	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CF58385	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	94	14	0.7	0.7	ug/L
CF58385	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	94	14	1	1	ug/L
CF58385	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CF58385	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	ug/L
CF58385	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CF58385	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CF58385	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	360	20	5	5	ug/L
CF58385	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	360	20	5	5	ug/L
CF58385	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CF58385	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CF58385	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CF58385	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	1500	100	5	5	ug/L
CF58385	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	1500	100	5	5	ug/L
CF58385	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	500	20	5	5	ug/L
CF58385	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	500	20	5	5	ug/L
CF58385	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	60	20	5	5	ug/L
CF58385	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CF58385	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	140	20	5	5	ug/L
CF58385	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	340	20	5	5	ug/L
CF58385	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CF58385	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	2600	100	5	5	ug/L
CF58385	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	8.6	5.0	5	5	ug/L
CF58385	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CF58385	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	10	5.0	5	5	ug/L
CF58385	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CF58385	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CF58385	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	ug/L
CF58385	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	600	100	10	10	ug/L
CF58385	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	600	100	5	5	ug/L
CF58385	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	600	100	10	10	ug/L
CF58385	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CF58386	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	18	1.0	5	5	ug/L
CF58386	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	3.6	0.70	0.7	0.7	ug/L
CF58386	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	16	1.0	5	5	ug/L
CF58386	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	25	1.0	5	5	ug/L
CF58386	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	18	1.0	5	5	ug/L

Saturday, April 04, 2020

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCF58385 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CF58386	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	8.3	1.0	5	5	ug/L
CF58386	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CF58386	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CF58386	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CF58386	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	3.6	0.70	1	1	ug/L
CF58386	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	7.3	1.0	5	5	ug/L
CF58387	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	1.5	0.70	0.7	0.7	ug/L
CF58387	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	5.8	1.0	5	5	ug/L
CF58387	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.0	1.0	5	5	ug/L
CF58387	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	10	1.0	5	5	ug/L
CF58387	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CF58387	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	5.8	1.0	5	5	ug/L
CF58387	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CF58387	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CF58387	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	6.9	1.0	5	5	ug/L
CF58387	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CF58387	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	1.5	0.70	1	1	ug/L
CF58388	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CF58388	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	11	3.5	0.7	0.7	ug/L
CF58388	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	11	3.5	1	1	ug/L
CF58388	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CF58388	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CF58388	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CF58388	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CF58388	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CF58388	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CF58388	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	27	5.0	5	5	ug/L
CF58388	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	27	5.0	5	5	ug/L
CF58388	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	98	5.0	5	5	ug/L
CF58388	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CF58388	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	170	20	5	5	ug/L
CF58388	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CF58388	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	31	5.0	5	5	ug/L
CF58388	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.8	5.0	5	5	ug/L
CF58388	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	29	5.0	5	5	ug/L
CF58388	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CF58388	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CF58388	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	77	5.0	10	10	ug/L
CF58388	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	77	5.0	5	5	ug/L
CF58388	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	77	5.0	10	10	ug/L

Saturday, April 04, 2020

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCF58385 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CF58388	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CF58389	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	2.5	0.70	0.7	0.7	ug/L
CF58389	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	13	1.0	5	5	ug/L
CF58389	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.8	1.0	5	5	ug/L
CF58389	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	9.5	1.0	5	5	ug/L
CF58389	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	2.5	0.70	1	1	ug/L
CF58389	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CF58389	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
CF58389	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CF58389	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	17	1.0	5	5	ug/L
CF58389	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CF58390	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CF58390	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
CF58390	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
CF58390	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CF58390	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CF58390	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	97	14	0.7	0.7	ug/L
CF58390	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	97	14	1	1	ug/L
CF58390	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CF58390	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	ug/L
CF58390	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CF58390	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CF58390	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	370	20	5	5	ug/L
CF58390	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	370	20	5	5	ug/L
CF58390	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CF58390	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CF58390	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CF58390	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	1400	400	5	5	ug/L
CF58390	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	1400	400	5	5	ug/L
CF58390	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	490	20	5	5	ug/L
CF58390	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	490	20	5	5	ug/L
CF58390	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	54	20	5	5	ug/L
CF58390	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CF58390	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	120	20	5	5	ug/L
CF58390	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	300	20	5	5	ug/L
CF58390	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CF58390	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	2300	400	5	5	ug/L
CF58390	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	7.3	5.0	5	5	ug/L
CF58390	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CF58390	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	8.8	5.0	5	5	ug/L

Saturday, April 04, 2020

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCF58385 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CF58390	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CF58390	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CF58390	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	ug/L
CF58390	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	570	400	10	10	ug/L
CF58390	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	570	400	5	5	ug/L
CF58390	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	570	400	10	10	ug/L
CF58390	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CF58391	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CF58391	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CF58391	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

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

NY Temperature Narration

April 04, 2020

SDG I.D.: GCF58385

The samples in this delivery group were received at 2.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 2.6 °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: File

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

Project: 3035 White Plains Rd.
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: Derek Merker Date: 3/27/20

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
58385	IRMW-14	GW	3/27/20	8:25	X						3				
58386	IRMW-11	GW	3/27/20	9:15	X						3				
58387	IRMW-7	GW	3/27/20	10:05	X						3				
58388	IRMW-10	GW	3/27/20	10:40	X						3				
58389	IRMW-13	GW	3/27/20	11:33	X						3				
58390	GW Duplicate	GW			X						3				
58391	Triplblanks				X						2				

Relinquished by:	Accepted by:	Date:	Time:
Derek Merker	[signature]	3-30-20	11:07
[signature]	[signature]	3-30-20	14:06

Comments, Special Requirements or Regulations:

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

PHOENIX
Environmental Laboratories, Inc.

Friday, July 10, 2020

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

Project ID: 3035 WHITE PLAINS RD BRONX
SDG ID: GCG25983
Sample ID#s: CG25983 - CG25988

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

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

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

SDG Comments

July 10, 2020

SDG I.D.: GCG25983

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

July 10, 2020

SDG I.D.: GCG25983

Project ID: 3035 WHITE PLAINS RD BRONX

Client Id	Lab Id	Matrix
IRMW-7	CG25983	GROUND WATER
IRMW-10	CG25984	GROUND WATER
IRMW-11	CG25985	GROUND WATER
IRMW-13	CG25986	GROUND WATER
IRMW-14	CG25987	GROUND WATER
TB	CG25988	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

July 10, 2020

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:	TB	06/30/20	9:50
Location Code:	EBC	Received by:	B	07/01/20	16:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG25983
Phoenix ID: CG25983

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-7

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	07/09/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,4-Trimethylbenzene	2.5		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	
2-Isopropyltoluene	0.53	J	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-7

Phoenix I.D.: CG25983

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	
Benzene	0.42	J	0.70	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Ethylbenzene	2.1		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Hexachlorobutadiene	0.20	J	0.50	0.20	ug/L	1	07/09/20	MH	SW8260C	
Isopropylbenzene	4.9		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
m&p-Xylene	0.37	J	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	5.1		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/09/20	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/09/20	MH	SW8260C	
n-Butylbenzene	0.45	J	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
n-Propylbenzene	2.7		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
o-Xylene	0.47	J	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
sec-Butylbenzene	2.1		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
tert-Butylbenzene	0.26	J	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	07/09/20	MH	70 - 130 %	
% Bromofluorobenzene	98				%	1	07/09/20	MH	70 - 130 %	
% Dibromofluoromethane	98				%	1	07/09/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-7

Phoenix I.D.: CG25983

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8	100				%	1	07/09/20	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	07/09/20	MH	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	1	07/09/20	MH	70 - 130 %
% Bromofluorobenzene	98				%	1	07/09/20	MH	70 - 130 %
% Dibromofluoromethane	98				%	1	07/09/20	MH	70 - 130 %
% Toluene-d8	100				%	1	07/09/20	MH	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C
Acrolein	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C
Acrylonitrile	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C
Tert-butyl alcohol	23	J	50	10	ug/L	1	07/09/20	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 10, 2020
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

July 10, 2020

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:	TB	06/30/20	10:38
Location Code:	EBC	Received by:	B	07/01/20	16:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG25983
Phoenix ID: CG25984

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,4-Trimethylbenzene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dibromoethane	ND		2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		4.7	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dichloroethane	ND		5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dichloropropane	ND		2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		3.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
2-Chlorotoluene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
2-Hexanone	ND		25	25	ug/L	10	07/07/20	MH	SW8260C	
2-Isopropyltoluene	4.8	J	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		25	25	ug/L	10	07/07/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-10

Phoenix I.D.: CG25984

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND	50	25	ug/L	10	07/07/20	MH	SW8260C	
Acrolein	ND	25	25	ug/L	10	07/07/20	MH	SW8260C	
Acrylonitrile	ND	5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
Benzene	9.9	7.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromobenzene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromochloromethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromodichloromethane	ND	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromoform	ND	50	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromomethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Carbon Disulfide	ND	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Carbon tetrachloride	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chlorobenzene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chloroethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chloroform	ND	7.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chloromethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND	2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
Dibromochloromethane	ND	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Dibromomethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Dichlorodifluoromethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Ethylbenzene	15	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Hexachlorobutadiene	ND	2.0	2.0	ug/L	10	07/07/20	MH	SW8260C	
Isopropylbenzene	75	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
m&p-Xylene	ND	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Methyl ethyl ketone	ND	25	25	ug/L	10	07/07/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	11	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Methylene chloride	ND	5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
Naphthalene	73	10	10	ug/L	10	07/07/20	MH	SW8260C	
n-Butylbenzene	23	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
n-Propylbenzene	150	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
o-Xylene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
p-Isopropyltoluene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
sec-Butylbenzene	24	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Styrene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
tert-Butylbenzene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Tetrachloroethene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND	50	25	ug/L	10	07/07/20	MH	SW8260C	1
Toluene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND	2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	25	25	ug/L	10	07/07/20	MH	SW8260C	
Trichloroethene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Trichlorofluoromethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Trichlorotrifluoroethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Vinyl chloride	ND	2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (10x)	98			%	10	07/07/20	MH	70 - 130 %	
% Bromofluorobenzene (10x)	92			%	10	07/07/20	MH	70 - 130 %	
% Dibromofluoromethane (10x)	96			%	10	07/07/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-10

Phoenix I.D.: CG25984

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (10x)	79				%	10	07/07/20	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		1000	500	ug/l	10	07/07/20	MH	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (10x)	98				%	10	07/07/20	MH	70 - 130 %
% Bromofluorobenzene (10x)	92				%	10	07/07/20	MH	70 - 130 %
% Dibromofluoromethane (10x)	96				%	10	07/07/20	MH	70 - 130 %
% Toluene-d8 (10x)	79				%	10	07/07/20	MH	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C
Acrolein	ND		25	25	ug/L	10	07/07/20	MH	SW8260C
Acrylonitrile	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C
Tert-butyl alcohol	120	J	500	100	ug/L	10	07/07/20	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
July 10, 2020
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

July 10, 2020

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:	TB	06/30/20	8:39
Location Code:	EBC	Received by:	B	07/01/20	16:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG25983
Phoenix ID: CG25985

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-11

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	07/09/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2,4-Trimethylbenzene	3.7		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	07/09/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,3,5-Trimethylbenzene	0.46	J	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	
2-Isopropyltoluene	5.5		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-11

Phoenix I.D.: CG25985

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	
Benzene	8.9		0.70	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Ethylbenzene	17		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/09/20	MH	SW8260C	
Isopropylbenzene	33		5.0	1.3	ug/L	5	07/07/20	MH	SW8260C	
m&p-Xylene	6.1		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	15		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/09/20	MH	SW8260C	
Naphthalene	2.2		1.0	1.0	ug/L	1	07/09/20	MH	SW8260C	
n-Butylbenzene	1.2		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
n-Propylbenzene	13		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
o-Xylene	1.1		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
sec-Butylbenzene	15		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
tert-Butylbenzene	1.6		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/09/20	MH	SW8260C	1
Toluene	0.72	J	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/09/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/09/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	07/09/20	MH	70 - 130 %	
% Bromofluorobenzene	108				%	1	07/09/20	MH	70 - 130 %	
% Dibromofluoromethane	100				%	1	07/09/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-11

Phoenix I.D.: CG25985

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8	103			%	1	07/09/20	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	99			%	5	07/07/20	MH	70 - 130 %
% Bromofluorobenzene (5x)	93			%	5	07/07/20	MH	70 - 130 %
% Dibromofluoromethane (5x)	90			%	5	07/07/20	MH	70 - 130 %
% Toluene-d8 (5x)	94			%	5	07/07/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/09/20	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/09/20	MH	70 - 130 %
% Bromofluorobenzene	108			%	1	07/09/20	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	07/09/20	MH	70 - 130 %
% Toluene-d8	103			%	1	07/09/20	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/09/20	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/09/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/09/20	MH	SW8260C
Tert-butyl alcohol	110	50	10	ug/L	1	07/09/20	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 10, 2020
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

July 10, 2020

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:	TB	06/30/20	12:39
Location Code:	EBC	Received by:	B	07/01/20	16:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG25983
Phoenix ID: CG25986

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2,4-Trimethylbenzene	230	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dibromoethane	ND	2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	4.7	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dichloroethane	ND	5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
1,2-Dichloropropane	ND	2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,3,5-Trimethylbenzene	12	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	3.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
2-Chlorotoluene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
2-Hexanone	ND	25	25	ug/L	10	07/07/20	MH	SW8260C	
2-Isopropyltoluene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	25	25	ug/L	10	07/07/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-13

Phoenix I.D.: CG25986

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		50	25	ug/L	10	07/07/20	MH	SW8260C	
Acrolein	ND		25	25	ug/L	10	07/07/20	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
Benzene	35		7.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromobenzene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromochloromethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromodichloromethane	ND		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromoform	ND		50	2.5	ug/L	10	07/07/20	MH	SW8260C	
Bromomethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Carbon Disulfide	ND		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chlorobenzene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chloroethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chloroform	ND		7.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Chloromethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
Dibromochloromethane	ND		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Dibromomethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Ethylbenzene	75		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Hexachlorobutadiene	ND		2.0	2.0	ug/L	10	07/07/20	MH	SW8260C	
Isopropylbenzene	7.3		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
m&p-Xylene	71		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Methyl ethyl ketone	ND		25	25	ug/L	10	07/07/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	6.6	J	10	2.5	ug/L	10	07/07/20	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	10	07/07/20	MH	SW8260C	
Naphthalene	45		10	10	ug/L	10	07/07/20	MH	SW8260C	
n-Butylbenzene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
n-Propylbenzene	13		10	2.5	ug/L	10	07/07/20	MH	SW8260C	
o-Xylene	9.7		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
p-Isopropyltoluene	3.0	J	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
sec-Butylbenzene	5.0	J	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Styrene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
tert-Butylbenzene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		50	25	ug/L	10	07/07/20	MH	SW8260C	1
Toluene	8.9		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		25	25	ug/L	10	07/07/20	MH	SW8260C	
Trichloroethene	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	2.5	ug/L	10	07/07/20	MH	SW8260C	
Vinyl chloride	ND		2.5	2.5	ug/L	10	07/07/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (10x)	100				%	10	07/07/20	MH	70 - 130 %	
% Bromofluorobenzene (10x)	93				%	10	07/07/20	MH	70 - 130 %	
% Dibromofluoromethane (10x)	93				%	10	07/07/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-13

Phoenix I.D.: CG25986

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (10x)	102			%	10	07/07/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	1000	500	ug/l	10	07/07/20	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (10x)	100			%	10	07/07/20	MH	70 - 130 %
% Bromofluorobenzene (10x)	93			%	10	07/07/20	MH	70 - 130 %
% Dibromofluoromethane (10x)	93			%	10	07/07/20	MH	70 - 130 %
% Toluene-d8 (10x)	102			%	10	07/07/20	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C
Acrolein	ND	25	25	ug/L	10	07/07/20	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	10	07/07/20	MH	SW8260C
Tert-butyl alcohol	ND	500	100	ug/L	10	07/07/20	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
July 10, 2020
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

July 10, 2020

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:	TB	06/30/20	7:47
Location Code:	EBC	Received by:	B	07/01/20	16:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG25983
Phoenix ID: CG25987

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,2,4-Trimethylbenzene	2100	200	50	ug/L	200	07/07/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	07/02/20	MH	SW8260C	
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,2-Dichloroethane	ND	10	10	ug/L	20	07/02/20	MH	SW8260C	
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,3,5-Trimethylbenzene	520	20	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
2-Hexanone	ND	50	50	ug/L	20	07/02/20	MH	SW8260C	
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	50	50	ug/L	20	07/02/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-14

Phoenix I.D.: CG25987

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		50	50	ug/L	20	07/02/20	MH	SW8260C	
Acrolein	ND		50	50	ug/L	20	07/02/20	MH	SW8260C	
Acrylonitrile	ND		10	10	ug/L	20	07/02/20	MH	SW8260C	
Benzene	75		14	5.0	ug/L	20	07/02/20	MH	SW8260C	
Bromobenzene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Bromochloromethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Bromodichloromethane	ND		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
Bromoform	ND		50	5.0	ug/L	20	07/02/20	MH	SW8260C	
Bromomethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Carbon Disulfide	ND		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Chlorobenzene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Chloroethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Chloroform	ND		7.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Chloromethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Dibromochloromethane	ND		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
Dibromomethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Ethylbenzene	1400		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
Hexachlorobutadiene	ND		4.0	4.0	ug/L	20	07/02/20	MH	SW8260C	
Isopropylbenzene	80		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
m&p-Xylene	3600		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
Methyl ethyl ketone	ND		50	50	ug/L	20	07/02/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	6.6	J	20	5.0	ug/L	20	07/02/20	MH	SW8260C	
Methylene chloride	ND		10	10	ug/L	20	07/02/20	MH	SW8260C	
Naphthalene	720		20	20	ug/L	20	07/02/20	MH	SW8260C	
n-Butylbenzene	19		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
n-Propylbenzene	220		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
o-Xylene	480		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
p-Isopropyltoluene	7.9		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
sec-Butylbenzene	14		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Styrene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
tert-Butylbenzene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		50	50	ug/L	20	07/02/20	MH	SW8260C	1
Toluene	260		20	5.0	ug/L	20	07/02/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		50	50	ug/L	20	07/02/20	MH	SW8260C	
Trichloroethene	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
Vinyl chloride	ND		5.0	5.0	ug/L	20	07/02/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (20x)	101				%	20	07/02/20	MH	70 - 130 %	
% Bromofluorobenzene (20x)	98				%	20	07/02/20	MH	70 - 130 %	
% Dibromofluoromethane (20x)	101				%	20	07/02/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-14

Phoenix I.D.: CG25987

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (20x)	100			%	20	07/02/20	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (200x)	98			%	200	07/07/20	MH	70 - 130 %
% Bromofluorobenzene (200x)	94			%	200	07/07/20	MH	70 - 130 %
% Dibromofluoromethane (200x)	96			%	200	07/07/20	MH	70 - 130 %
% Toluene-d8 (200x)	88			%	200	07/07/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	1000	ug/l	20	07/02/20	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	07/02/20	HM	70 - 130 %
% Bromofluorobenzene (20x)	98			%	20	07/02/20	HM	70 - 130 %
% Dibromofluoromethane (20x)	101			%	20	07/02/20	HM	70 - 130 %
% Toluene-d8 (20x)	100			%	20	07/02/20	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	07/02/20	HM	SW8260C
Acrolein	ND	50	50	ug/L	20	07/02/20	HM	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	20	07/02/20	HM	SW8260C
Tert-butyl alcohol	ND	1000	200	ug/L	20	07/02/20	HM	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
July 10, 2020
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

July 10, 2020

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:	TB	06/30/20	
Location Code:	EBC	Received by:	B	07/01/20	16:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG25983
Phoenix ID: CG25988

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: TB

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	07/02/20	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	07/02/20	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/02/20	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/02/20	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/02/20	HM	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: TB

Phoenix I.D.: CG25988

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND	5.0	2.5	ug/L	1	07/02/20	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	07/02/20	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	07/02/20	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	07/02/20	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/20	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	07/02/20	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	07/02/20	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	07/02/20	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	07/02/20	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	07/02/20	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/20	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	07/02/20	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103			%	1	07/02/20	HM	70 - 130 %	
% Bromofluorobenzene	94			%	1	07/02/20	HM	70 - 130 %	
% Dibromofluoromethane	101			%	1	07/02/20	HM	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: TB

Phoenix I.D.: CG25988

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8	99			%	1	07/02/20	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/02/20	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	07/02/20	HM	70 - 130 %
% Bromofluorobenzene	94			%	1	07/02/20	HM	70 - 130 %
% Dibromofluoromethane	101			%	1	07/02/20	HM	70 - 130 %
% Toluene-d8	99			%	1	07/02/20	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/02/20	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	07/02/20	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	07/02/20	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	07/02/20	HM	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 10, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Friday, July 10, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG25983 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG25983	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG25983	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG25983	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG25984	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	73	10	10	10	ug/L
CG25984	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	2.5	2	2	ug/L
CG25984	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	73	10	5	5	ug/L
CG25984	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	15	10	5	5	ug/L
CG25984	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	9.9	7.0	0.7	0.7	ug/L
CG25984	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	23	10	5	5	ug/L
CG25984	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CG25984	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	2.5	2	2	ug/L
CG25984	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CG25984	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CG25984	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L
CG25984	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	75	10	5	5	ug/L
CG25984	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	150	10	5	5	ug/L
CG25984	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CG25984	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	73	10	10	10	ug/L
CG25984	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	9.9	7.0	1	1	ug/L
CG25984	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	24	10	5	5	ug/L
CG25984	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.6	0.6	ug/L
CG25984	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L
CG25984	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.0006	0.0006	ug/L
CG25984	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	15	10	5	5	ug/L
CG25984	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.5	0.5	ug/L
CG25984	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CG25984	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CG25984	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CG25985	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	17	1.0	5	5	ug/L
CG25985	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	8.9	0.70	0.7	0.7	ug/L
CG25985	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	ug/L
CG25985	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
CG25985	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	33	5.0	5	5	ug/L
CG25985	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	17	1.0	5	5	ug/L
CG25985	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	5.5	1.0	5	5	ug/L
CG25985	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG25985	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG25985	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	8.9	0.70	1	1	ug/L
CG25985	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG25986	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	45	10	10	10	ug/L

Friday, July 10, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG25983 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG25986	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	8.9	5.0	5	5	ug/L
CG25986	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	75	10	5	5	ug/L
CG25986	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	35	7.0	0.7	0.7	ug/L
CG25986	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	2.5	2	2	ug/L
CG25986	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	45	10	5	5	ug/L
CG25986	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	9.7	5.0	5	5	ug/L
CG25986	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	7.3	5.0	5	5	ug/L
CG25986	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	35	7.0	1	1	ug/L
CG25986	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CG25986	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	12	10	5	5	ug/L
CG25986	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CG25986	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.0006	0.0006	ug/L
CG25986	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CG25986	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	230	10	5	5	ug/L
CG25986	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CG25986	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	1	1	ug/L
CG25986	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.6	0.6	ug/L
CG25986	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L
CG25986	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.4	0.4	ug/L
CG25986	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	75	10	5	5	ug/L
CG25986	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CG25986	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	8.9	5.0	5	5	ug/L
CG25986	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	9.7	5.0	5	5	ug/L
CG25986	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	13	10	5	5	ug/L
CG25986	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	45	10	10	10	ug/L
CG25986	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.5	0.5	ug/L
CG25986	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	2.5	2	2	ug/L
CG25986	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
CG25987	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	720	20	10	10	ug/L
CG25987	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	260	20	5	5	ug/L
CG25987	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CG25987	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	720	20	5	5	ug/L
CG25987	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	75	14	0.7	0.7	ug/L
CG25987	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	480	20	5	5	ug/L
CG25987	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CG25987	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CG25987	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	1400	20	5	5	ug/L
CG25987	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
CG25987	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	14	5.0	5	5	ug/L
CG25987	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	7.9	5.0	5	5	ug/L
CG25987	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	480	20	5	5	ug/L

Friday, July 10, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG25983 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG25987	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	220	20	5	5	ug/L
CG25987	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CG25987	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	19	5.0	5	5	ug/L
CG25987	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CG25987	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	720	20	10	10	ug/L
CG25987	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
CG25987	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	260	20	5	5	ug/L
CG25987	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	ug/L
CG25987	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CG25987	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CG25987	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	2100	200	5	5	ug/L
CG25987	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CG25987	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CG25987	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CG25987	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CG25987	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	520	20	5	5	ug/L
CG25987	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CG25987	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CG25987	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	75	14	1	1	ug/L
CG25987	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	1400	20	5	5	ug/L
CG25987	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	ug/L
CG25987	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	80	20	5	5	ug/L
CG25987	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CG25987	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CG25988	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG25988	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG25988	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

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

NY Temperature Narration

July 10, 2020

SDG I.D.: GCG25983

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 2.4° C Pg 1 of

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: File

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

Project: 3035 White Plains Rd. Bronx
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: Tony Balaro Date: 7-1-20

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 [ ] 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
25983	IRMW-7	GW	6/30	9:50	X				3						
25984	IRMW-10			10:38	X				3						
25985	IRMW-11			8:39	X				3						
25986	IRMW-13			12:39	X				3						
25987	IRMW-14			7:47	X				3						
25988	TB		—	—	X				2						

Relinquished by:	Accepted by:	Date:	Time:
		7-1-20	11:45
		7-1-20	16:30

Comments, Special Requirements or Regulations:

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

PEL 164 REV. 5/2020

PHOENIX
Environmental Laboratories, Inc.

Tuesday, October 06, 2020

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

Project ID: 3035 WHITE PLAINS RD BRONX
SDG ID: GCG86203
Sample ID#s: CG86203 - CG86208, CG86429

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

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

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

SDG Comments

October 06, 2020

SDG I.D.: GCG86203

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

October 06, 2020

SDG I.D.: GCG86203

Project ID: 3035 WHITE PLAINS RD BRONX

Client Id	Lab Id	Matrix
IRMW-7	CG86203	GROUND WATER
IRMW-10	CG86204	GROUND WATER
IRMW-11	CG86205	GROUND WATER
IRMW-13	CG86206	GROUND WATER
IRMW-14	CG86207	GROUND WATER
GW TRIP BLANKS	CG86208	GROUND WATER
MW DUPLICATE	CG86429	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

October 06, 2020

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:	TB	09/28/20	8:31
Location Code:	EBC	Received by:	B	09/28/20	15:17
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG86203
Phoenix ID: CG86203

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-7

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	10/01/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.3	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.3	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,2,4-Trimethylbenzene	2.6	J	5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.5	2.5	ug/L	5	10/01/20	MH	SW8260C	
1,2-Dibromoethane	ND		1.3	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		4.7	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,2-Dichloroethane	ND		2.5	2.5	ug/L	5	10/01/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.3	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		3.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
2-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
2-Hexanone	ND		13	13	ug/L	5	10/01/20	MH	SW8260C	
2-Isopropyltoluene	3.8	J	5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	10/01/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-7

Phoenix I.D.: CG86203

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		25	13	ug/L	5	10/01/20	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	10/01/20	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	10/01/20	MH	SW8260C	
Benzene	7.0		3.5	1.3	ug/L	5	10/01/20	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	10/01/20	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/01/20	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Ethylbenzene	6.9		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	10/01/20	MH	SW8260C	
Isopropylbenzene	58		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
m&p-Xylene	1.7	J	5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	10/01/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	9.7		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	10/01/20	MH	SW8260C	
Naphthalene	40		5.0	5.0	ug/L	5	10/01/20	MH	SW8260C	
n-Butylbenzene	14		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
n-Propylbenzene	96		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
o-Xylene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
sec-Butylbenzene	18		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
tert-Butylbenzene	1.4	J	5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	10/01/20	MH	SW8260C	1
Toluene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/01/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	10/01/20	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	10/01/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	93				%	5	10/01/20	MH	70 - 130 %	
% Bromofluorobenzene (5x)	91				%	5	10/01/20	MH	70 - 130 %	
% Dibromofluoromethane (5x)	99				%	5	10/01/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-7

Phoenix I.D.: CG86203

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (5x)	98				%	5	10/01/20	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	10/01/20	MH	SW8260C
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C
Acrolein	ND		13	13	ug/L	5	10/01/20	MH	SW8260C
Acrylonitrile	ND		5.0	1.3	ug/L	5	10/01/20	MH	SW8260C
Tert-butyl alcohol	120	J	250	50	ug/L	5	10/01/20	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
October 06, 2020
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 06, 2020

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:	TB	09/28/20	9:02
Location Code:	EBC	Received by:	B	09/28/20	15:17
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG86203
Phoenix ID: CG86204

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-10

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	10/01/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	1.0	ug/L	2	10/01/20	MH	SW8260C	
1,2-Dibromoethane	ND	0.50	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,2-Dichloroethane	ND	1.0	1.0	ug/L	2	10/01/20	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
2-Hexanone	ND	5.0	5.0	ug/L	2	10/01/20	MH	SW8260C	
2-Isopropyltoluene	6.3	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	1
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	10/01/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-10

Phoenix I.D.: CG86204

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		10	5.0	ug/L	2	10/01/20	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	10/01/20	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	10/01/20	MH	SW8260C	
Benzene	11		1.4	0.50	ug/L	2	10/01/20	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	10/01/20	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	10/01/20	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Ethylbenzene	17		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	10/01/20	MH	SW8260C	
Isopropylbenzene	73		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
m&p-Xylene	1.6	J	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	10/01/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	12		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	10/01/20	MH	SW8260C	
Naphthalene	77		20	20	ug/L	20	09/30/20	MH	SW8260C	
n-Butylbenzene	23		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
n-Propylbenzene	140		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
o-Xylene	1.1	J	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
p-Isopropyltoluene	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
sec-Butylbenzene	25		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
tert-Butylbenzene	2.1		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	10/01/20	MH	SW8260C	1
Toluene	1.5	J	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	10/01/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	10/01/20	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	10/01/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	91				%	2	10/01/20	MH	70 - 130 %	
% Bromofluorobenzene (2x)	97				%	2	10/01/20	MH	70 - 130 %	
% Dibromofluoromethane (2x)	95				%	2	10/01/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-10

Phoenix I.D.: CG86204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (2x)	97			%	2	10/01/20	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	93			%	20	09/30/20	MH	70 - 130 %
% Bromofluorobenzene (20x)	90			%	20	09/30/20	MH	70 - 130 %
% Dibromofluoromethane (20x)	96			%	20	09/30/20	MH	70 - 130 %
% Toluene-d8 (20x)	95			%	20	09/30/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	200	100	ug/l	2	10/01/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	10/01/20	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	10/01/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.50	ug/L	2	10/01/20	MH	SW8260C
Tert-butyl alcohol	150	100	20	ug/L	2	10/01/20	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
October 06, 2020
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 06, 2020

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:	TB	09/28/20	7:56
Location Code:	EBC	Received by:	B	09/28/20	15:17
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG86203
Phoenix ID: CG86205

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-11

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	10/02/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,2,4-Trimethylbenzene	1.3		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	10/02/20	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	10/02/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,3,5-Trimethylbenzene	0.31	J	1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	10/02/20	MH	SW8260C	
2-Isopropyltoluene	6.4		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	10/02/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-11

Phoenix I.D.: CG86205

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		5.0	2.5	ug/L	1	10/02/20	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	10/02/20	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/02/20	MH	SW8260C	
Benzene	6.7		0.70	0.25	ug/L	1	10/02/20	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/02/20	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Ethylbenzene	3.4		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/02/20	MH	SW8260C	
Isopropylbenzene	28		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
m&p-Xylene	3.1		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/02/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	15		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/02/20	MH	SW8260C	
Naphthalene	2.6		1.0	1.0	ug/L	1	10/02/20	MH	SW8260C	
n-Butylbenzene	2.9		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
n-Propylbenzene	12		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
o-Xylene	0.61	J	1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
sec-Butylbenzene	18		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
tert-Butylbenzene	2.2		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	10/02/20	MH	SW8260C	1
Toluene	0.43	J	1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/02/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/02/20	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/02/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	88				%	1	10/02/20	MH	70 - 130 %	
% Bromofluorobenzene	92				%	1	10/02/20	MH	70 - 130 %	
% Dibromofluoromethane	98				%	1	10/02/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX

Client ID: IRMW-11

Phoenix I.D.: CG86205

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8	94			%	1	10/02/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	10/02/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/02/20	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	10/02/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	10/02/20	MH	SW8260C
Tert-butyl alcohol	120	50	10	ug/L	1	10/02/20	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

October 06, 2020

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 06, 2020

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:	TB	09/28/20	9:27
Location Code:	EBC	Received by:	B	09/28/20	15:17
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG86203
Phoenix ID: CG86206

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-13

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	10/02/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,1-Dichloroethene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,1-Dichloropropene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,2,4-Trimethylbenzene	5.8		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	2	10/02/20	MH	SW8260C	
1,2-Dibromoethane	ND		0.50	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,2-Dichloroethane	ND		1.0	1.0	ug/L	2	10/02/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,3,5-Trimethylbenzene	0.77	J	2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,3-Dichloropropane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
2,2-Dichloropropane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
2-Chlorotoluene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
2-Hexanone	ND		5.0	5.0	ug/L	2	10/02/20	MH	SW8260C	
2-Isopropyltoluene	1.1	J	2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	1
4-Chlorotoluene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		5.0	5.0	ug/L	2	10/02/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-13

Phoenix I.D.: CG86206

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		10	5.0	ug/L	2	10/02/20	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	10/02/20	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	10/02/20	MH	SW8260C	
Benzene	1.5		1.4	0.50	ug/L	2	10/02/20	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	10/02/20	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	10/02/20	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Ethylbenzene	3.1		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	10/02/20	MH	SW8260C	
Isopropylbenzene	5.4		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
m&p-Xylene	4.1		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	10/02/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	0.83	J	2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	10/02/20	MH	SW8260C	
Naphthalene	ND		2.0	2.0	ug/L	2	10/02/20	MH	SW8260C	
n-Butylbenzene	2.4		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
n-Propylbenzene	6.1		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
o-Xylene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
p-Isopropyltoluene	1.2	J	2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
sec-Butylbenzene	4.8		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
tert-Butylbenzene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	10/02/20	MH	SW8260C	1
Toluene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	10/02/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	10/02/20	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	10/02/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	94				%	2	10/02/20	MH	70 - 130 %	
% Bromofluorobenzene (2x)	94				%	2	10/02/20	MH	70 - 130 %	
% Dibromofluoromethane (2x)	95				%	2	10/02/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-13

Phoenix I.D.: CG86206

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (2x)	94			%	2	10/02/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	200	100	ug/l	2	10/02/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	10/02/20	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	10/02/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.50	ug/L	2	10/02/20	MH	SW8260C
Tert-butyl alcohol	ND	100	20	ug/L	2	10/02/20	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
October 06, 2020
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 06, 2020

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:	TB	09/28/20	7:30
Location Code:	EBC	Received by:	B	09/28/20	15:17
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG86203
Phoenix ID: CG86207

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,2,4-Trimethylbenzene	640	100	25	ug/L	100	10/02/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	09/30/20	MH	SW8260C	
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,2-Dichloroethane	ND	10	10	ug/L	20	09/30/20	MH	SW8260C	
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,3,5-Trimethylbenzene	220	20	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
2-Hexanone	ND	50	50	ug/L	20	09/30/20	MH	SW8260C	
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	50	50	ug/L	20	09/30/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-14

Phoenix I.D.: CG86207

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		50	50	ug/L	20	09/30/20	MH	SW8260C	
Acrolein	ND		50	50	ug/L	20	09/30/20	MH	SW8260C	
Acrylonitrile	ND		10	10	ug/L	20	09/30/20	MH	SW8260C	
Benzene	76		14	5.0	ug/L	20	09/30/20	MH	SW8260C	
Bromobenzene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Bromochloromethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Bromodichloromethane	ND		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
Bromoform	ND		50	5.0	ug/L	20	09/30/20	MH	SW8260C	
Bromomethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Carbon Disulfide	ND		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Chlorobenzene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Chloroethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Chloroform	ND		7.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Chloromethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Dibromochloromethane	ND		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
Dibromomethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Ethylbenzene	490		100	25	ug/L	100	10/02/20	MH	SW8260C	
Hexachlorobutadiene	ND		4.0	4.0	ug/L	20	09/30/20	MH	SW8260C	
Isopropylbenzene	41		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
m&p-Xylene	1200		100	25	ug/L	100	10/02/20	MH	SW8260C	
Methyl ethyl ketone	ND		50	50	ug/L	20	09/30/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	13	J	20	5.0	ug/L	20	09/30/20	MH	SW8260C	
Methylene chloride	ND		10	10	ug/L	20	09/30/20	MH	SW8260C	
Naphthalene	400		20	20	ug/L	20	09/30/20	MH	SW8260C	
n-Butylbenzene	7.2		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
n-Propylbenzene	92		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
o-Xylene	330		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
sec-Butylbenzene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Styrene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
tert-Butylbenzene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		50	50	ug/L	20	09/30/20	MH	SW8260C	1
Toluene	260		20	5.0	ug/L	20	09/30/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		50	50	ug/L	20	09/30/20	MH	SW8260C	
Trichloroethene	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
Vinyl chloride	ND		5.0	5.0	ug/L	20	09/30/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (20x)	98				%	20	09/30/20	MH	70 - 130 %	
% Bromofluorobenzene (20x)	95				%	20	09/30/20	MH	70 - 130 %	
% Dibromofluoromethane (20x)	111				%	20	09/30/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: IRMW-14

Phoenix I.D.: CG86207

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (20x)	95			%	20	09/30/20	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	98			%	100	10/02/20	MH	70 - 130 %
% Bromofluorobenzene (100x)	92			%	100	10/02/20	MH	70 - 130 %
% Dibromofluoromethane (100x)	94			%	100	10/02/20	MH	70 - 130 %
% Toluene-d8 (100x)	96			%	100	10/02/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	1000	ug/l	20	09/30/20	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	98			%	20	09/30/20	MH	70 - 130 %
% Bromofluorobenzene (20x)	95			%	20	09/30/20	MH	70 - 130 %
% Dibromofluoromethane (20x)	111			%	20	09/30/20	MH	70 - 130 %
% Toluene-d8 (20x)	95			%	20	09/30/20	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C
Acrolein	ND	50	50	ug/L	20	09/30/20	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	20	09/30/20	MH	SW8260C
Tert-butyl alcohol	ND	1000	200	ug/L	20	09/30/20	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
October 06, 2020
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 06, 2020

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:	TB	09/28/20	
Location Code:	EBC	Received by:	B	09/28/20	15:17
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG86203
Phoenix ID: CG86208

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: GW 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	09/30/20	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	09/30/20	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	09/30/20	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	09/30/20	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	09/30/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: GW TRIP BLANKS

Phoenix I.D.: CG86208

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND	5.0	2.5	ug/L	1	09/30/20	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	09/30/20	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	09/30/20	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	09/30/20	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/20	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	09/30/20	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	09/30/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	09/30/20	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	09/30/20	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	09/30/20	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	09/30/20	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	09/30/20	MH	70 - 130 %	
% Bromofluorobenzene	89			%	1	09/30/20	MH	70 - 130 %	
% Dibromofluoromethane	106			%	1	09/30/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: GW TRIP BLANKS

Phoenix I.D.: CG86208

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8	94			%	1	09/30/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	09/30/20	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	09/30/20	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	09/30/20	MH	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	09/30/20	MH	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	09/30/20	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
October 06, 2020
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 06, 2020

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:	TB	09/28/20	
Location Code:	EBC	Received by:	B	09/28/20	15:17
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCG86203
Phoenix ID: CG86429

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: MW DUPLICATE

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	10/02/20	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.3	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,1-Dichloroethene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,1-Dichloropropene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.3	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,2,4-Trimethylbenzene	2.6	J	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.5	2.5	ug/L	5	10/02/20	MH	SW8260C	
1,2-Dibromoethane	ND		1.3	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,2-Dichlorobenzene	ND		4.7	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,2-Dichloroethane	ND		2.5	2.5	ug/L	5	10/02/20	MH	SW8260C	
1,2-Dichloropropane	ND		1.3	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,3-Dichlorobenzene	ND		3.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,3-Dichloropropane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
1,4-Dichlorobenzene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
2,2-Dichloropropane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
2-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
2-Hexanone	ND		13	13	ug/L	5	10/02/20	MH	SW8260C	
2-Isopropyltoluene	4.4	J	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	1
4-Chlorotoluene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	10/02/20	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: MW DUPLICATE

Phoenix I.D.: CG86429

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By		
Acetone	ND		25	13	ug/L	5	10/02/20	MH	SW8260C	
Acrolein	ND		13	13	ug/L	5	10/02/20	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	10/02/20	MH	SW8260C	
Benzene	7.0		3.5	1.3	ug/L	5	10/02/20	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	10/02/20	MH	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/02/20	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Ethylbenzene	7.6		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	10/02/20	MH	SW8260C	
Isopropylbenzene	60		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
m&p-Xylene	3.9	J	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	10/02/20	MH	SW8260C	
Methyl t-butyl ether (MTBE)	9.7		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	10/02/20	MH	SW8260C	
Naphthalene	44		5.0	5.0	ug/L	5	10/02/20	MH	SW8260C	
n-Butylbenzene	14		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
n-Propylbenzene	96		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
o-Xylene	1.4	J	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
sec-Butylbenzene	19		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
tert-Butylbenzene	1.6	J	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	10/02/20	MH	SW8260C	1
Toluene	1.3	J	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	10/02/20	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	10/02/20	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	10/02/20	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	92				%	5	10/02/20	MH	70 - 130 %	
% Bromofluorobenzene (5x)	91				%	5	10/02/20	MH	70 - 130 %	
% Dibromofluoromethane (5x)	94				%	5	10/02/20	MH	70 - 130 %	

Ver 1

Project ID: 3035 WHITE PLAINS RD BRONX
Client ID: MW DUPLICATE

Phoenix I.D.: CG86429

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	
% Toluene-d8 (5x)	95			%	5	10/02/20	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	500	250	ug/l	5	10/02/20	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (5x)	92			%	5	10/02/20	MH	70 - 130 %
% Bromofluorobenzene (5x)	91			%	5	10/02/20	MH	70 - 130 %
% Dibromofluoromethane (5x)	94			%	5	10/02/20	MH	70 - 130 %
% Toluene-d8 (5x)	95			%	5	10/02/20	MH	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C
Acrolein	ND	13	13	ug/L	5	10/02/20	MH	SW8260C
Acrylonitrile	ND	5.0	1.3	ug/L	5	10/02/20	MH	SW8260C
Tert-butyl alcohol	ND	250	50	ug/L	5	10/02/20	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
October 06, 2020
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Tuesday, October 06, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG86203 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG86203	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	40	5.0	10	10	ug/L
CG86203	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	40	5.0	5	5	ug/L
CG86203	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	7.0	3.5	0.7	0.7	ug/L
CG86203	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	6.9	5.0	5	5	ug/L
CG86203	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CG86203	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CG86203	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CG86203	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	18	5.0	5	5	ug/L
CG86203	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	96	5.0	5	5	ug/L
CG86203	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	40	5.0	10	10	ug/L
CG86203	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	58	5.0	5	5	ug/L
CG86203	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CG86203	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CG86203	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	14	5.0	5	5	ug/L
CG86203	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CG86203	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	6.9	5.0	5	5	ug/L
CG86203	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CG86203	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CG86203	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CG86203	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CG86203	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	7.0	3.5	1	1	ug/L
CG86203	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CG86203	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CG86204	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	77	20	10	10	ug/L
CG86204	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	17	2.0	5	5	ug/L
CG86204	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	11	1.4	0.7	0.7	ug/L
CG86204	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	77	20	5	5	ug/L
CG86204	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	73	20	5	5	ug/L
CG86204	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CG86204	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	25	2.0	5	5	ug/L
CG86204	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	140	20	5	5	ug/L
CG86204	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	23	2.0	5	5	ug/L
CG86204	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	77	20	10	10	ug/L
CG86204	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG86204	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	11	1.4	1	1	ug/L
CG86204	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.3	2.0	5	5	ug/L
CG86204	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CG86204	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CG86204	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CG86204	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CG86204	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	17	2.0	5	5	ug/L

Tuesday, October 06, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG86203 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG86205	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	6.7	0.70	0.7	0.7	ug/L
CG86205	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	6.7	0.70	1	1	ug/L
CG86205	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	18	1.0	5	5	ug/L
CG86205	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	28	1.0	5	5	ug/L
CG86205	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG86205	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG86205	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG86205	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.4	1.0	5	5	ug/L
CG86205	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
CG86206	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	1.5	1.4	0.7	0.7	ug/L
CG86206	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CG86206	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	6.1	2.0	5	5	ug/L
CG86206	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	5.4	2.0	5	5	ug/L
CG86206	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CG86206	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	1.5	1.4	1	1	ug/L
CG86206	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CG86206	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	5.8	2.0	5	5	ug/L
CG86206	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG86206	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CG86206	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CG86207	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	400	20	10	10	ug/L
CG86207	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	330	20	5	5	ug/L
CG86207	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
CG86207	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	490	100	5	5	ug/L
CG86207	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CG86207	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CG86207	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	260	20	5	5	ug/L
CG86207	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	400	20	5	5	ug/L
CG86207	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CG86207	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	76	14	0.7	0.7	ug/L
CG86207	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CG86207	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	400	20	10	10	ug/L
CG86207	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	7.2	5.0	5	5	ug/L
CG86207	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	330	20	5	5	ug/L
CG86207	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	260	20	5	5	ug/L
CG86207	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CG86207	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CG86207	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
CG86207	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	92	20	5	5	ug/L
CG86207	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L

Tuesday, October 06, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG86203 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG86207	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	ug/L
CG86207	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	490	100	5	5	ug/L
CG86207	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CG86207	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	76	14	1	1	ug/L
CG86207	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CG86207	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CG86207	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	220	20	5	5	ug/L
CG86207	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CG86207	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	ug/L
CG86207	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CG86207	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CG86207	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CG86207	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	640	100	5	5	ug/L
CG86207	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	41	20	5	5	ug/L
CG86207	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CG86208	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CG86208	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CG86208	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CG86429	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	44	5.0	10	10	ug/L
CG86429	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	7.6	5.0	5	5	ug/L
CG86429	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	44	5.0	5	5	ug/L
CG86429	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	7.0	3.5	0.7	0.7	ug/L
CG86429	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CG86429	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	44	5.0	10	10	ug/L
CG86429	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	96	5.0	5	5	ug/L
CG86429	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	19	5.0	5	5	ug/L
CG86429	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CG86429	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CG86429	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	60	5.0	5	5	ug/L
CG86429	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	14	5.0	5	5	ug/L
CG86429	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CG86429	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	7.6	5.0	5	5	ug/L
CG86429	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CG86429	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	7.0	3.5	1	1	ug/L
CG86429	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CG86429	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CG86429	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CG86429	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CG86429	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CG86429	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L

Tuesday, October 06, 2020

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCG86203 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG86429	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L

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

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

NY Temperature Narration

October 06, 2020

SDG I.D.: GCG86203

The samples in this delivery group were received at 1.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]
Temp 1.4 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
[X] Email: Cle

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

Project: 3035 White Plains Rd, Bronx
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: TONY BALDO Date: 9-28-20

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: VOCs 8260

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 [ ] 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
86203	IRMW-7	GW	9/28	8:31	2				5						
86204	IRMW-10	GW	9/28	9:02	3				3						
86205	IRMW-11	GW	9/28	7:56	3				3						
86206	IRMW-13	GW	9/28	9:27	3				3						
86207	~~GW~~ IRMW-14	GW	9/28	7:30	3				3						
86208	GW Trip Blanks	GW	—	—	2				2						
86209	MW Duplicate	GW	9/28	—	3				3						

Relinquished by:	Accepted by:	Date:	Time:
		9-28-20	12:10
		9-28-20	15:17

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
[X] NJ Hazsite EDD
[X] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other

Comments, Special Requirements or Regulations:

*received 3 HCL VOCs labeled MW
Duplicate emailed Client (MJP)

State where samples were collected: NY

6C686203

Monica Pellerin

From: Tony Balado <abalado@ebcincny.com>
Sent: Monday, September 28, 2020 4:34 PM
To: Monica Pellerin
Subject: Re: 3035 White Plains Rd., Bronx

Monica, I'm sorry. If EDDs and ASP B were not checked on the chain, can I please add those deliverables?

Thanks,

Tony Balado
Assistant Field Manager
EBC
Cell: 631-672-9152

On Sep 28, 2020, at 4:24 PM, Monica Pellerin <monicap@phoenixlabs.com> wrote:

I will add it!

Monica

From: 'abalado@ebcincny.com' [mailto:abalado@ebcincny.com]
Sent: Monday, September 28, 2020 4:23 PM
To: Monica Pellerin; Kevin Brussee
Subject: Re: 3035 White Plains Rd., Bronx

Yes please add, sampled 9/28. Please run for VOCs only.

Thank you,

Tony Balado
Assistant Project Manager
Environmental Business Consultants
Cell: 631-672-9152
Office: 718-532-4066

On 09/28/2020 4:16 PM Monica Pellerin <monicap@phoenixlabs.com> wrote:

Good afternoon.

We received samples for the above referenced project. In addition to the samples listed on the chain of custody, we also received the following not listed on the COC:

MW Duplicate (3 HCL Voas)

If you would like this sample added to the chain of custody. Please let me know the date and time sampled as well as analysis you would like run.

If you have any questions, please feel free to contact me.

Sincerely,

>

>

Monica Pellerin

Client Service Representative/

Sample Receiving

Phoenix Environmental Labs

587 Middle Turnpike East

Manchester, CT

860-645-1102

Fax: 860-645-0823

This message and any attachments are solely for the intended recipient and may contain confidential or privileged information. If you are not the intended recipient, any disclosure, copying, use, or distribution of the information included in this message and any attachments is prohibited. If you have received this communication in error, please notify us by reply e-mail and immediately and permanently delete this message and any attachments.

PHOENIX
Environmental Laboratories, Inc.

Tuesday, July 26, 2022

Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Project ID: 3035 WHITE PLAINS RD, BRONX
SDG ID: GCL71167
Sample ID#s: CL71167 - CL71172

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

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

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: AMC Engineering PLLC

Project: 3035 WHITE PLAINS RD, BRONX

Laboratory Project: GCL71167

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

NY Analytical Services Protocol Format

July 26, 2022 **SDG I.D.: GCL71167**

AMC Engineering PLLC 3035 WHITE PLAINS RD, BRONX

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.

PHOENIX

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 26, 2022 **SDG I.D.: GCL71167**

AMC Engineering PLLC 3035 WHITE PLAINS RD, BRONX

Laboratory Chronicle

The samples in this delivery group were received at 1.1°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CL71167	1,4-dioxane	06/30/22	07/09/22	07/09/22	HM	Y
CL71167	Tert-butyl alcohol	06/30/22	07/09/22	07/09/22	HM	Y
CL71167	Volatiles	06/30/22	07/09/22	07/09/22	MH	Y
CL71168	1,4-dioxane	06/30/22	07/12/22	07/12/22	HM	Y
CL71168	Tert-butyl alcohol	06/30/22	07/12/22	07/12/22	HM	Y
CL71168	Volatiles	06/30/22	07/09/22	07/09/22	MH	Y
CL71169	1,4-dioxane	06/30/22	07/09/22	07/09/22	HM	Y
CL71169	Tert-butyl alcohol	06/30/22	07/09/22	07/09/22	HM	Y
CL71169	Volatiles	06/30/22	07/09/22	07/09/22	MH	Y
CL71170	1,4-dioxane	06/30/22	07/12/22	07/12/22	HM	Y
CL71170	Tert-butyl alcohol	06/30/22	07/12/22	07/12/22	HM	Y
CL71170	Volatiles	06/30/22	07/12/22	07/12/22	MH	Y
CL71171	1,4-dioxane	06/30/22	07/09/22	07/09/22	HM	Y
CL71171	Tert-butyl alcohol	06/30/22	07/09/22	07/09/22	HM	Y
CL71171	Volatiles	06/30/22	07/09/22	07/09/22	MH	Y
CL71172	1,4-dioxane	06/30/22	07/12/22	07/12/22	HM	Y
CL71172	Tert-butyl alcohol	06/30/22	07/12/22	07/12/22	HM	Y
CL71172	Volatiles	06/30/22	07/09/22	07/09/22	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 26, 2022

SDG I.D.: GCL71167

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

July 26, 2022

SDG I.D.: GCL71167

Project ID: 3035 WHITE PLAINS RD, BRONX

Client Id	Lab Id	Matrix
IRMW-7	CL71167	GROUND WATER
IRMW-10	CL71168	GROUND WATER
IRMW-11	CL71169	GROUND WATER
IRMW-14	CL71170	GROUND WATER
TRIP BLANKS	CL71171	GROUND WATER
DUPLICATE	CL71172	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

July 26, 2022

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/30/22	12:47
Location Code:	AMC-ENG	Received by:	CP	07/06/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL71167
Phoenix ID: CL71167

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-7

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	07/09/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.26	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
2-Isopropyltoluene	2.9		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-7

Phoenix I.D.: CL71167

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Benzene	4.9		0.70	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Ethylbenzene	0.89	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/09/22	MH	SW8260C	
Isopropylbenzene	35		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
m&p-Xylene	0.92	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	8.5		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/09/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C	
n-Butylbenzene	3.1		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
n-Propylbenzene	16		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
o-Xylene	0.33	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
sec-Butylbenzene	11		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
tert-Butylbenzene	1.1		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Tetrachloroethene	0.28	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	1
Toluene	0.54	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	07/09/22	MH	70 - 130 %	
% Bromofluorobenzene	99				%	1	07/09/22	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	07/09/22	MH	70 - 130 %	

Ver 3

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-7

Phoenix I.D.: CL71167

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99				%	1	07/09/22	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	07/09/22	HM	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	07/09/22	HM	70 - 130 %
% Bromofluorobenzene	99				%	1	07/09/22	HM	70 - 130 %
% Dibromofluoromethane	99				%	1	07/09/22	HM	70 - 130 %
% Toluene-d8	99				%	1	07/09/22	HM	70 - 130 %
Volatiles									
1,2,4-Trimethylbenzene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
n-Butylbenzene	3.1		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
n-Propylbenzene	16		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
p-Isopropyltoluene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
sec-Butylbenzene	11		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
tert-Butylbenzene	1.1		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	07/09/22	MH	70 - 130 %
% Bromofluorobenzene	99				%	1	07/09/22	MH	70 - 130 %
% Dibromofluoromethane	99				%	1	07/09/22	MH	70 - 130 %
% Toluene-d8	99				%	1	07/09/22	MH	70 - 130 %
Tert-butyl alcohol	69	J	100	10	ug/L	1	07/09/22	HM	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:

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 26, 2022
Reviewed and Released by: Sarah Bell, 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 26, 2022

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/30/22	13:51
Location Code:	AMC-ENG	Received by:	CP	07/06/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL71167
Phoenix ID: CL71168

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-10

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	07/12/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.37	J	1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	
2-Isopropyltoluene	6.5		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-10

Phoenix I.D.: CL71168

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	
Benzene	11		0.70	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/12/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Ethylbenzene	8.6		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/12/22	MH	SW8260C	
Isopropylbenzene	88		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
m&p-Xylene	1.7		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	12		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/12/22	MH	SW8260C	
Naphthalene	19		1.0	1.0	ug/L	1	07/12/22	MH	SW8260C	
n-Butylbenzene	27		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
n-Propylbenzene	160		20	5.0	ug/L	20	07/09/22	MH	SW8260C	
o-Xylene	0.77	J	1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
sec-Butylbenzene	29		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
tert-Butylbenzene	2.3		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	1
Toluene	1.4		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/12/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	07/12/22	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	07/12/22	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	07/12/22	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-10

Phoenix I.D.: CL71168

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	07/12/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	07/09/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	07/09/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	97			%	20	07/09/22	MH	70 - 130 %
% Toluene-d8 (20x)	100			%	20	07/09/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/12/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/12/22	HM	70 - 130 %
% Bromofluorobenzene	100			%	1	07/12/22	HM	70 - 130 %
% Dibromofluoromethane	99			%	1	07/12/22	HM	70 - 130 %
% Toluene-d8	103			%	1	07/12/22	HM	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	ND	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
n-Butylbenzene	27	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
n-Propylbenzene	160	20	20	ug/L	20	07/09/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
sec-Butylbenzene	29	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
tert-Butylbenzene	2.3	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/12/22	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	07/12/22	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	07/12/22	MH	70 - 130 %
% Toluene-d8	103			%	1	07/12/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	07/09/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	07/09/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	97			%	20	07/09/22	MH	70 - 130 %
% Toluene-d8 (20x)	100			%	20	07/09/22	MH	70 - 130 %
Tert-butyl alcohol	110	100	10	ug/L	1	07/12/22	HM	SW8260C

Project ID: 3035 WHITE PLAINS RD, BRONX

Phoenix I.D.: CL71168

Client ID: IRMW-10

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 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:

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 26, 2022

Reviewed and Released by: Sarah Bell, 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 26, 2022

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/30/22	16:13
Location Code:	AMC-ENG	Received by:	CP	07/06/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL71167
Phoenix ID: CL71169

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-11

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	07/09/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
2-Isopropyltoluene	3.6	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-11

Phoenix I.D.: CL71169

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Benzene	1.6		0.70	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/09/22	MH	SW8260C	
Isopropylbenzene	6.8		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	7.1		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/09/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C	
n-Butylbenzene	1.2		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
n-Propylbenzene	0.34	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
sec-Butylbenzene	9.3		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
tert-Butylbenzene	1.2		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	07/09/22	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	07/09/22	MH	70 - 130 %	
% Dibromofluoromethane	97				%	1	07/09/22	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-11

Phoenix I.D.: CL71169

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99				%	1	07/09/22	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	50	ug/l	1	07/09/22	HM	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	1	07/09/22	HM	70 - 130 %
% Bromofluorobenzene	100				%	1	07/09/22	HM	70 - 130 %
% Dibromofluoromethane	97				%	1	07/09/22	HM	70 - 130 %
% Toluene-d8	99				%	1	07/09/22	HM	70 - 130 %
Volatiles									
1,2,4-Trimethylbenzene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
n-Butylbenzene	1.2		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
n-Propylbenzene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
p-Isopropyltoluene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
sec-Butylbenzene	9.3		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
tert-Butylbenzene	1.2		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	1	07/09/22	MH	70 - 130 %
% Bromofluorobenzene	100				%	1	07/09/22	MH	70 - 130 %
% Dibromofluoromethane	97				%	1	07/09/22	MH	70 - 130 %
% Toluene-d8	99				%	1	07/09/22	MH	70 - 130 %
Tert-butyl alcohol	53	J	100	10	ug/L	1	07/09/22	HM	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:

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 26, 2022
Reviewed and Released by: Sarah Bell, 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 26, 2022

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/30/22	17:37
Location Code:	AMC-ENG	Received by:	CP	07/06/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL71167
Phoenix ID: CL71170

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-14

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	07/12/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	25	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,1-Dichloroethane	ND	25	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,2,4-Trimethylbenzene	280	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	2.5	ug/L	5	07/12/22	MH	SW8260C	
1,2-Dibromoethane	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,2-Dichloroethane	ND	3.0	2.5	ug/L	5	07/12/22	MH	SW8260C	
1,2-Dichloropropane	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,3,5-Trimethylbenzene	33	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	07/12/22	MH	SW8260C	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	07/12/22	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-14

Phoenix I.D.: CL71170

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	07/12/22	MH	SW8260C	
Acrolein	ND		25	13	ug/L	5	07/12/22	MH	SW8260C	
Acrylonitrile	ND		25	13	ug/L	5	07/12/22	MH	SW8260C	
Benzene	9.6		3.5	1.3	ug/L	5	07/12/22	MH	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	07/12/22	MH	SW8260C	
Bromomethane	ND		25	1.3	ug/L	5	07/12/22	MH	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Chlorobenzene	ND		25	1.3	ug/L	5	07/12/22	MH	SW8260C	
Chloroethane	ND		25	1.3	ug/L	5	07/12/22	MH	SW8260C	
Chloroform	ND		25	1.3	ug/L	5	07/12/22	MH	SW8260C	
Chloromethane	ND		25	1.3	ug/L	5	07/12/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Ethylbenzene	100		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Hexachlorobutadiene	ND		2.5	1.0	ug/L	5	07/12/22	MH	SW8260C	
Isopropylbenzene	5.2		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
m&p-Xylene	280		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	07/12/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	4.5	J	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Methylene chloride	ND		15	5.0	ug/L	5	07/12/22	MH	SW8260C	
Naphthalene	150		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C	
n-Butylbenzene	2.6	J	5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
n-Propylbenzene	14		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
o-Xylene	66		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
sec-Butylbenzene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	07/12/22	MH	SW8260C	1
Toluene	36		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		25	1.3	ug/L	5	07/12/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	07/12/22	MH	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
Vinyl chloride	ND		5.0	1.3	ug/L	5	07/12/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	07/12/22	MH	70 - 130 %	
% Bromofluorobenzene (5x)	99				%	5	07/12/22	MH	70 - 130 %	
% Dibromofluoromethane (5x)	100				%	5	07/12/22	MH	70 - 130 %	

Ver 3

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: IRMW-14

Phoenix I.D.: CL71170

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	100				%	5	07/12/22	MH	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		500	250	ug/l	5	07/12/22	HM	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	07/12/22	HM	70 - 130 %
% Bromofluorobenzene (5x)	99				%	5	07/12/22	HM	70 - 130 %
% Dibromofluoromethane (5x)	100				%	5	07/12/22	HM	70 - 130 %
% Toluene-d8 (5x)	100				%	5	07/12/22	HM	70 - 130 %
Volatiles									
1,2,4-Trimethylbenzene	280		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C
1,3,5-Trimethylbenzene	33		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C
n-Butylbenzene	ND		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C
n-Propylbenzene	14		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C
p-Isopropyltoluene	ND		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C
sec-Butylbenzene	ND		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C
tert-Butylbenzene	ND		5.0	5.0	ug/L	5	07/12/22	MH	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	07/12/22	MH	70 - 130 %
% Bromofluorobenzene (5x)	99				%	5	07/12/22	MH	70 - 130 %
% Dibromofluoromethane (5x)	100				%	5	07/12/22	MH	70 - 130 %
% Toluene-d8 (5x)	100				%	5	07/12/22	MH	70 - 130 %
Tert-butyl alcohol	53*	J	500	50	ug/L	5	07/12/22	HM	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:
* Tert butyl alcohol is possible carryover.

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 26, 2022
Reviewed and Released by: Sarah Bell, 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 26, 2022

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/30/22	
Location Code:	AMC-ENG	Received by:	CP	07/06/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL71167
Phoenix ID: CL71171

Project ID: 3035 WHITE PLAINS RD, BRONX
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	07/09/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	07/09/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: TRIP BLANKS

Phoenix I.D.: CL71171

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.0	JS	5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/09/22	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/09/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	07/09/22	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Tetrachloroethene	0.47	J	1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/09/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/09/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/09/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/09/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	07/09/22	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	07/09/22	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	07/09/22	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: TRIP BLANKS

Phoenix I.D.: CL71171

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	07/09/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/09/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/09/22	HM	70 - 130 %
% Bromofluorobenzene	97			%	1	07/09/22	HM	70 - 130 %
% Dibromofluoromethane	99			%	1	07/09/22	HM	70 - 130 %
% Toluene-d8	100			%	1	07/09/22	HM	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	ND	1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
n-Butylbenzene	ND	1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
n-Propylbenzene	ND	1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	1.0	ug/L	1	07/09/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/09/22	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	07/09/22	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	07/09/22	MH	70 - 130 %
% Toluene-d8	100			%	1	07/09/22	MH	70 - 130 %
Tert-butyl alcohol	ND	100	10	ug/L	1	07/09/22	HM	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:

TRIP BLANK INCLUDED.

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 26, 2022
Reviewed and Released by: Sarah Bell, 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 26, 2022

FOR: Attn: Ariel Czemerinski
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/30/22	13:57
Location Code:	AMC-ENG	Received by:	CP	07/06/22	17:05
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL71167
Phoenix ID: CL71172

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: 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	07/12/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.38	J	1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	07/12/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	
2-Isopropyltoluene	6.5		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: DUPLICATE

Phoenix I.D.: CL71172

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	
Benzene	10		0.70	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/12/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Ethylbenzene	8.5		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	07/12/22	MH	SW8260C	
Isopropylbenzene	87		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
m&p-Xylene	1.7		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	12		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	07/12/22	MH	SW8260C	
Naphthalene	20		1.0	1.0	ug/L	1	07/12/22	MH	SW8260C	
n-Butylbenzene	28		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
n-Propylbenzene	140		20	5.0	ug/L	20	07/09/22	MH	SW8260C	
o-Xylene	0.80	J	1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
sec-Butylbenzene	29		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
tert-Butylbenzene	2.3		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	07/12/22	MH	SW8260C	1
Toluene	1.4		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	07/12/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	07/12/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	07/12/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	07/12/22	MH	70 - 130 %	
% Bromofluorobenzene	101				%	1	07/12/22	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	07/12/22	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD, BRONX
Client ID: DUPLICATE

Phoenix I.D.: CL71172

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	07/12/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	07/09/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	97			%	20	07/09/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	96			%	20	07/09/22	MH	70 - 130 %
% Toluene-d8 (20x)	100			%	20	07/09/22	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	07/12/22	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/12/22	HM	70 - 130 %
% Bromofluorobenzene	101			%	1	07/12/22	HM	70 - 130 %
% Dibromofluoromethane	99			%	1	07/12/22	HM	70 - 130 %
% Toluene-d8	101			%	1	07/12/22	HM	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	ND	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
n-Butylbenzene	28	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
n-Propylbenzene	140	20	20	ug/L	20	07/09/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
sec-Butylbenzene	29	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
tert-Butylbenzene	2.3	1.0	1.0	ug/L	1	07/12/22	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/12/22	MH	70 - 130 %
% Bromofluorobenzene	101			%	1	07/12/22	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	07/12/22	MH	70 - 130 %
% Toluene-d8	101			%	1	07/12/22	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	07/09/22	MH	70 - 130 %
% Bromofluorobenzene (20x)	97			%	20	07/09/22	MH	70 - 130 %
% Dibromofluoromethane (20x)	96			%	20	07/09/22	MH	70 - 130 %
% Toluene-d8 (20x)	100			%	20	07/09/22	MH	70 - 130 %
Tert-butyl alcohol	110	100	10	ug/L	1	07/12/22	HM	SW8260C

Project ID: 3035 WHITE PLAINS RD, BRONX

Phoenix I.D.: CL71172

Client ID: DUPLICATE

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 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:

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 26, 2022

Reviewed and Released by: Sarah Bell, 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

QA/QC Report

July 26, 2022

QA/QC Data

SDG I.D.: GCL71167

QA/QC Batch 632604 (ug/L), QC Sample No: CL69039 (CL71167, CL71168 (20X) , CL71169, CL71171, CL71172 (20X))

Volatiles - Ground Water

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	5.0	111	113	1.8				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	110	113	2.7				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	5.0	100	96	4.1				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	102	102	0.0				70 - 130	30
1,1-Dichloroethane	ND	5.0	102	103	1.0				70 - 130	30
1,1-Dichloroethene	ND	5.0	116	119	2.6				70 - 130	30
1,1-Dichloropropene	ND	5.0	109	113	3.6				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	103	100	3.0				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	92	98	6.3				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	104	104	0.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	109	111	1.8				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	92	88	4.4				70 - 130	30
1,2-Dibromoethane	ND	5.0	105	103	1.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	102	102	0.0				70 - 130	30
1,2-Dichloroethane	ND	0.60	104	103	1.0				70 - 130	30
1,2-Dichloropropane	ND	5.0	106	107	0.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	110	112	1.8				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	104	105	1.0				70 - 130	30
1,3-Dichloropropane	ND	5.0	105	104	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	103	105	1.9				70 - 130	30
1,4-dioxane	ND	100	107	101	5.8				70 - 130	30
2,2-Dichloropropane	ND	5.0	113	123	8.5				70 - 130	30
2-Chlorotoluene	ND	5.0	105	108	2.8				70 - 130	30
2-Hexanone	ND	5.0	92	87	5.6				70 - 130	30
2-Isopropyltoluene	ND	5.0	109	112	2.7				70 - 130	30
4-Chlorotoluene	ND	5.0	109	111	1.8				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	96	90	6.5				70 - 130	30
Acetone	ND	10	90	84	6.9				70 - 130	30
Acrolein	ND	25	105	98	6.9				70 - 130	30
Acrylonitrile	ND	5.0	79	75	5.2				70 - 130	30
Benzene	ND	0.70	107	110	2.8				70 - 130	30
Bromobenzene	ND	5.0	104	105	1.0				70 - 130	30
Bromochloromethane	ND	5.0	104	106	1.9				70 - 130	30
Bromodichloromethane	ND	5.0	108	109	0.9				70 - 130	30
Bromoform	ND	5.0	105	102	2.9				70 - 130	30
Bromomethane	ND	5.0	113	116	2.6				70 - 130	30
Carbon Disulfide	ND	5.0	117	121	3.4				70 - 130	30
Carbon tetrachloride	ND	5.0	118	118	0.0				70 - 130	30
Chlorobenzene	ND	1.0	104	107	2.8				70 - 130	30
Chloroethane	ND	5.0	134	133	0.7				70 - 130	30
Chloroform	ND	5.0	108	111	2.7				70 - 130	30

QA/QC Data

SDG I.D.: GCL71167

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloromethane	ND	5.0	100	105	4.9				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	99	109	9.6				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	109	110	0.9				70 - 130	30
Dibromochloromethane	ND	5.0	109	107	1.9				70 - 130	30
Dibromomethane	ND	5.0	103	103	0.0				70 - 130	30
Dichlorodifluoromethane	ND	5.0	94	98	4.2				70 - 130	30
Ethylbenzene	ND	1.0	109	111	1.8				70 - 130	30
Hexachlorobutadiene	ND	5.0	111	115	3.5				70 - 130	30
Isopropylbenzene	ND	1.0	111	114	2.7				70 - 130	30
m&p-Xylene	ND	1.0	109	111	1.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	91	88	3.4				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	109	108	0.9				70 - 130	30
Methylene chloride	ND	5.0	105	105	0.0				70 - 130	30
Naphthalene	ND	1.0	98	95	3.1				70 - 130	30
n-Butylbenzene	ND	1.0	115	119	3.4				70 - 130	30
n-Propylbenzene	ND	1.0	108	112	3.6				70 - 130	30
o-Xylene	ND	1.0	106	110	3.7				70 - 130	30
p-Isopropyltoluene	ND	1.0	113	117	3.5				70 - 130	30
sec-Butylbenzene	ND	1.0	112	117	4.4				70 - 130	30
Styrene	ND	1.0	110	112	1.8				70 - 130	30
tert-butyl alcohol	ND	10	104	98	5.9				70 - 130	30
tert-Butylbenzene	ND	1.0	109	114	4.5				70 - 130	30
Tetrachloroethene	ND	1.0	105	110	4.7				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	89	83	7.0				70 - 130	30
Toluene	ND	1.0	107	110	2.8				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	114	116	1.7				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	109	109	0.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	111	103	7.5				70 - 130	30
Trichloroethene	ND	5.0	105	108	2.8				70 - 130	30
Trichlorofluoromethane	ND	5.0	118	120	1.7				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	106	106	0.0				70 - 130	30
Vinyl chloride	ND	5.0	111	118	6.1				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	98	2.0				70 - 130	30
% Bromofluorobenzene	97	%	102	101	1.0				70 - 130	30
% Dibromofluoromethane	100	%	102	100	2.0				70 - 130	30
% Toluene-d8	98	%	101	101	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 632757 (ug/L), QC Sample No: CL75180 (CL71168, CL71170 (5X) , CL71172)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	102	106	3.8				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	100	103	3.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	103	103	0.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	98	98	0.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	85	99	15.2				70 - 130	30
1,1-Dichloroethene	ND	1.0	111	105	5.6				70 - 130	30
1,1-Dichloropropene	ND	1.0	104	105	1.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	104	107	2.8				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	103	107	3.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	103	108	4.7				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	106	111	4.6				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	105	109	3.7				70 - 130	30

QA/QC Data

SDG I.D.: GCL71167

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dibromoethane	ND	1.0	102	103	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	101	104	2.9				70 - 130	30
1,2-Dichloroethane	ND	1.0	97	98	1.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	99	101	2.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	108	113	4.5				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	102	105	2.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	102	105	2.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	100	103	3.0				70 - 130	30
1,4-dioxane	ND	100	114	121	6.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	105	110	4.7				70 - 130	30
2-Chlorotoluene	ND	1.0	105	111	5.6				70 - 130	30
2-Hexanone	ND	5.0	100	101	1.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	106	111	4.6				70 - 130	30
4-Chlorotoluene	ND	1.0	105	109	3.7				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	100	101	1.0				70 - 130	30
Acetone	ND	5.0	104	99	4.9				70 - 130	30
Acrolein	ND	5.0	103	95	8.1				70 - 130	30
Acrylonitrile	ND	5.0	75	97	25.6				70 - 130	30
Benzene	ND	0.70	100	104	3.9				70 - 130	30
Bromobenzene	ND	1.0	102	105	2.9				70 - 130	30
Bromochloromethane	ND	1.0	100	103	3.0				70 - 130	30
Bromodichloromethane	ND	0.50	99	103	4.0				70 - 130	30
Bromoform	ND	1.0	101	104	2.9				70 - 130	30
Bromomethane	ND	1.0	85	84	1.2				70 - 130	30
Carbon Disulfide	ND	1.0	108	101	6.7				70 - 130	30
Carbon tetrachloride	ND	1.0	118	123	4.1				70 - 130	30
Chlorobenzene	ND	1.0	100	104	3.9				70 - 130	30
Chloroethane	ND	1.0	113	105	7.3				70 - 130	30
Chloroform	ND	1.0	98	104	5.9				70 - 130	30
Chloromethane	ND	1.0	90	94	4.3				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	88	104	16.7				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	105	3.9				70 - 130	30
Dibromochloromethane	ND	0.50	100	104	3.9				70 - 130	30
Dibromomethane	ND	1.0	100	101	1.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	78	80	2.5				70 - 130	30
Ethylbenzene	ND	1.0	105	109	3.7				70 - 130	30
Hexachlorobutadiene	ND	0.40	104	110	5.6				70 - 130	30
Isopropylbenzene	ND	1.0	108	112	3.6				70 - 130	30
m&p-Xylene	ND	1.0	104	110	5.6				70 - 130	30
Methyl ethyl ketone	ND	5.0	102	98	4.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	104	103	1.0				70 - 130	30
Methylene chloride	ND	1.0	108	104	3.8				70 - 130	30
Naphthalene	ND	1.0	107	110	2.8				70 - 130	30
n-Butylbenzene	ND	1.0	113	119	5.2				70 - 130	30
n-Propylbenzene	ND	1.0	107	111	3.7				70 - 130	30
o-Xylene	ND	1.0	103	105	1.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	111	116	4.4				70 - 130	30
sec-Butylbenzene	ND	1.0	111	117	5.3				70 - 130	30
Styrene	ND	1.0	107	110	2.8				70 - 130	30
tert-butyl alcohol	ND	10	108	103	4.7				70 - 130	30
tert-Butylbenzene	ND	1.0	109	114	4.5				70 - 130	30
Tetrachloroethene	ND	1.0	99	101	2.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	99	99	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCL71167

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Toluene	ND	1.0	99	102	3.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	110	109	0.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	102	103	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	111	111	0.0				70 - 130	30
Trichloroethene	ND	1.0	99	101	2.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	106	105	0.9				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	101	97	4.0				70 - 130	30
Vinyl chloride	ND	1.0	102	101	1.0				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	99	100	1.0				70 - 130	30
% Bromofluorobenzene	98	%	101	101	0.0				70 - 130	30
% Dibromofluoromethane	101	%	102	104	1.9				70 - 130	30
% Toluene-d8	101	%	102	102	0.0				70 - 130	30

Comment:

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

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

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

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

Phyllis Shiller, Laboratory Director
July 26, 2022

Tuesday, July 26, 2022

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCL71167 - AMC-ENG

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

*** No Data to Display ***

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

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

NY Temperature Narration

July 26, 2022

SDG I.D.: GCL71167

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 [ ]
Temp 1.1 °C Pg of

PHOENIX Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Phone:
[ ] Fax:
[X] Email: File

Customer: AMC Engineering
Address: 19-36 42nd Street
Astoria, NY 11105

Project: 3035 White Plains Rd, Bronx
Report to: AMC Engineering
Invoice to: AMC Engineering
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Angela Dellico Date: 6/30/22

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	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( )oz	GL Soil container ( )oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
71167	IRMW-7	GW	6-30	12:47	X									3			
71168	IRMW-10	GW	6-30	1:51	X									3			
71169	IRMW-11	GW	6-30	4:13	X									3			
71170	IRMW-14	GW	6-30	5:37	X									3			
71171	Trip blanks	GW			X									2			
71172	Duplicate	GW	6-30	1:57	X									3			

Relinquished by:	Accepted by:	Date:	Time:
Angela Dellico	[signature]	6-22	13:17
[signature]	[signature]	7/6/22	1705

Comments, Special Requirements or Regulations:

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

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

Data Package:
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[ ] Other

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

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[X] 375SCO Unrestricted Soil
[X] 375SCO Residential Soil
[X] 375SCO Residential Restricted Soil
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected? NY

APPENDIX C

PRR FORMS

(At front of document)

APPENDIX D

Deed

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2021031001463003003EF7A3

RECORDING AND ENDORSEMENT COVER PAGE

Document ID: 2021031001463003 Document Date: 01-22-2021 Preparation Date: 03-16-2021
Document Type: DEED
Document Page Count: 3

PRESENTER:
KENSINGTON VANGUARD NATIONAL LAND SERVICES
39 W37TH STREET
TITLE NO. 562505-O-NY-CR-KV
NEW YORK, NY 10018
212-532-8686

RETURN TO:
STERN & SZPIGIEL, LLP
170 OLD COUNTRY ROAD, SUITE 308
ATTN: HOWARD J. STERN, ESQ.
MINEOLA, NY 11501

PROPERTY DATA

Borough	Block	Lot		Unit	Address
BRONX	4545	1001	Entire Lot	1	3035 WHITE PLAINS ROAD

Property Type: OTHER

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
3035 WHITE PLAINS HOUSING DEVELOPMENT CORP AS NOMINEE, 132 RALPH AVENUE
BROOKLYN, NY 11223

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
3035 WHITE PLAINS RETAIL LLC
C/O THE ARKER COMPANIES, 1044 NORTHERN BOULEVARD, SECOND FLOOR
ROSLYN, NY 11576

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	52.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 03-16-2021 14:38
City Register File No.(CRFN):
2021000097675

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2021031001463003003CF523

Document ID: 2021031001463003 Document Date: 01-22-2021 Preparation Date: 03-16-2021
Document Type: DEED

PARTIES

GRANTOR/SELLER:
3035 WHITE PLAINS RETAIL LLC
132 RALPH AVENUE
BROOKLYN, NY 11223

— Quitclaim Deed – Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 22nd day of ~~July~~ Jan in the year ~~2019~~ 2021

BETWEEN

3035 WHITE PLAINS HOUSING DEVELOPMENT CORP., as nominee for
3035 WHITE PLAINS RETAIL LLC, with offices at 132 Ralph Avenue
Brooklyn, New York 11223

party of the first part, and

3035 WHITE PLAINS RETAIL LLC, with offices c/o The Arker Companies
1044 Northern Boulevard, Second Floor, Roslyn, New York 11576

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby remise, release and quitclaim unto the party of the part, the heirs or successors and assigns of the party of the second part forever,

SEE SCHEDULE A FOR LEGAL DESCRIPTION

Said premises being known as the Retail Unit in the premises known as 3035 White Plains Condominium, located at 3035 White Plains Road, Bronx, New York, and being the same premises as transferred by deed dated July 31, 2007 and recorded on October 24, 2007 as CRFN 2007000536870 in the Office of the Register of Bronx County.

Block 4545 Lot 1001

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

3035 WHITE PLAINS HOUSING
DEVELOPMENT FUND CORP.

By: Daniel Moritz, authorized signator

ACKNOWLEDGEMENT TAKEN IN NEW YORK STATE

State of New York, County of Nassau, ss:

On the 19th day of January in the year 2021, before me, the undersigned, personally appeared Daniel Moritz, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

ELIZABETH BENEDETTO
NOTARY PUBLIC-STATE OF NEW YORK
No. 01BE6354585
Qualified in Nassau County
My Commission Expires 02-13-2021

Elizabeth Benedetto

ACKNOWLEDGEMENT TAKEN IN NEW YORK STATE

State of New York, County of , ss:

On the day of in the year , before me, the undersigned, personally appeared, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

ACKNOWLEDGEMENT BY SUBSCRIBING WITNESS TAKEN IN NEW YORK STATE

State of New York, County of , ss:

On the day of in the year , before me, the undersigned, a Notary Public in and for said State, personally appeared , the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he/she/they reside(s) in

(if the place of residence is in a city, include the street and street number if any, thereof); that he/she/they know(s) to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto

ACKNOWLEDGEMENT TAKEN OUTSIDE NEW YORK STATE

*State of , County of , ss:

*(Or insert District of Columbia, Territory, Possession or Foreign County)

On the day of in the year , before me the undersigned personally appeared Personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), that by his/her/their signature(s) on the instrument, the individual(s) or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual make such appearance before the undersigned in the

(add the city or political subdivision and the state or country or other place the acknowledgement was taken).

QUITCLAIM DEED

Title No.

3035 WHITE PLAINS HOUSING DEVELOPMENT FUND CORP.
TO
3035 WHITE PLAINS RETAIL LLC

SECTION:

BLOCK: 4545

LOT: 1001

COUNTY: Bronx

RECORD AND RETURN TO:

HOWARD J. STERN, ESQ.
Stern & Szpigiel, LLP
170 Old Country Road, Suite 308
Mineola, New York 11501
(516) 873-1683

OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY

Title No.: 562505-O-NY-CR-KV

Schedule A Description

The Condominium Unit (the "Unit") known as the Non-Residential Unit (a/k/a Retail Unit) in the premises known as 3035 White Plains Condominium, located at and known by the Street Number 3035 White Plains Road, Borough and County of Bronx, City and State of New York, said Unit being designated and described in the Declaration establishing a Plan for Condominium Ownership of said premises under Article 9-B of the Real Property Law of the State of New York (the "New York Condominium Act"), dated 7/5/2007 and recorded 8/15/2007 in the New York City Register's Office as CRFN 2007000422861, as amended by First Amendment to Declaration dated 7/20/2008 and recorded 10/30/2008 as CRFN 2008000424654, and also designated as Tax Lot 1001 in Block 4545 of the Borough of Bronx on the Tax Map of the Real Property Assessment Department of the City of New York and on the Floor Plans of said building with the Real Property Assessment Department of the City of New York as Condominium Plan No. 91 as amended by Condominium Plan No. 91-A and filed in the Register's Office on 8/15/2007 as CRFN 2007000422862 and on 10/30/2008 as CRFN 2008000424659.

TOGETHER with a total undivided 18.3741% interest in the Common Elements (as such term is defined in the Declaration)

The premises with which the unit is located are more particularly described as follows:

ALL that certain piece or parcel of land, situate, lying and being in the County of Bronx, City and State of New York, shown as Block 4545 Lot 14 and the southerly half of Lester Street as shown on the New York City Tax Map, and being more particularly described as follows:

BEGINNING at a point formed by the intersection of the centerline of Lester Street (a private road) and the westerly side of White Plains Road forming an interior angle of 88 degrees 17 minutes 40 seconds;

THENCE southerly along the westerly side of White Plains Road, a distance of 286.59 feet to the northerly side of Adee Avenue, as widened;

THENCE westerly along the northerly side of Adee Avenue, forming an interior angle of 106 degrees 45 minutes 00 seconds, a distance of 41.87 feet to its intersection with the easterly line of Elliot Avenue as laid out on the Map of The Estate of Peter Lorillard known as Map Number 448, filed April 20, 1871;

THENCE northerly along said line of Elliot Avenue, forming an interior angle of 92 degrees 18 minutes 10 seconds, a distance of 311.50 feet to its intersection with the centerline of Lester Street (a private road);

THENCE easterly along the centerline of Lester Street (a private road) forming an interior angle of 72 degrees 39 minutes 10 seconds, a distance of 141.84 feet to the point of BEGINNING.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2021031001463003003S3922

SUPPORTING DOCUMENT COVER PAGE

Document ID: 2021031001463003 Document Date: 01-22-2021 Preparation Date: 03-16-2021
Document Type: DEED

ASSOCIATED TAX FORM ID: 2021011900092

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	2

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) Property receiving service: BOROUGH: BRONX BLOCK: 4545 LOT: 1001

(2) Property Address: 3035 WHITE PLAINS ROAD Unit 1, BRONX, NY 10467

(3) Owner's Name: 3035 WHITE PLAINS RETAIL LLC

Additional Name:

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: 3035 White Plains Retail, LLC

Signature: _____ Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable:

BCS-7CRF-ACRIS REV. 8/08

2021011900092101

FOR CITY USE ONLY

C1. County Code ____ C2. Date Deed Recorded ___ / ___ / ___ (Month Day Year)

C3. Book ____ C4. Page ____

OR

C5. CRFN ____

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 3035 (STREET NUMBER) WHITE PLAINS ROAD 1 (STREET NAME) BRONX (BOROUGH) 10467 (ZIP CODE)

2. Buyer Name: 3035 WHITE PLAINS RETAIL LLC (LAST NAME / COMPANY) ____ (FIRST NAME)
____ (LAST NAME / COMPANY) ____ (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form)
____ (LAST NAME / COMPANY) ____ (FIRST NAME)
____ (STREET NUMBER AND STREET NAME) ____ (CITY OR TOWN) ____ (STATE) ____ (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC
4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: ____ (FRONT FEET) X ____ (DEPTH) OR ____ (ACRES)

Check the boxes below as they apply:
6. Ownership Type is Condominium ☐
7. New Construction on Vacant Land ☐

8. Seller Name: 3035 WHITE PLAINS HOUSING DEVELOPMENT CORP (LAST NAME / COMPANY) ____ (FIRST NAME)
3035 WHITE PLAINS RETAIL LLC (LAST NAME / COMPANY) ____ (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☑ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☐ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 1 / 22 / 2021 (Month Day Year)

11. Date of Sale / Transfer: 1 / 22 / 2021 (Month Day Year)

12. Full Sale Price $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale ____

14. Check one or more of these conditions as applicable to transfer:

A ☐ Sale Between Relatives or Former Relatives
B ☐ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☑ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: R K

16. Total Assessed Value (of all parcels in transfer): 1,399,950

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

BRONX 4545 1001

CERTIFICATION	I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.	
BUYER		**BUYER'S ATTORNEY**
BUYER SIGNATURE	DATE	LAST NAME / FIRST NAME
C/O THE ARKER COMPANIES 1044 NORTHERN BOULEVARD, SECOND FLOOR		
STREET NUMBER / STREET NAME (AFTER SALE)		AREA CODE / TELEPHONE NUMBER
ROSLYN	NY / 11576	**SELLER**
CITY OR TOWN	STATE / ZIP CODE	SELLER SIGNATURE / DATE

2021011900092201

Sarah Bell

From: Angela DeVico <AngelaD@amc-engineering.com>
Sent: Wednesday, July 20, 2022 11:26 AM
To: Sarah Bell
Cc: Ariel Czemerinski; Andrew Sung
Subject: Please add 1,4-dioxane and tert-butyl alcohol to report "GCL71167 - 3035 WHITE PLAINS RD, BRONX"

Hi Sarah,

Can you please add the following compounds to all of the samples in report GCL71167 (3035 White Plains Rd, Bronx)?
1,4-dioxane
tert-butyl alcohol

Thanks, and have a great day!

Angela DeVico
Environmental Technician

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

O: (718) 545-0474 | C: (718) 578-9143