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~~ 3035 White Plains Road Zip Code: 10467
City/Town: Bronx
County: Bronx
Site Acreage: 0.390

Reporting Period: May 31, 2022 to May 31, 2025

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information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?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

SITE NO. C203039 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
4545-1001	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	Monitoring Wells

The engineering controls on this Site include LPH recovery and chemical oxidant treatment.

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

Monitoring Wells

The engineering controls on this Site include LPH recovery and chemical oxidant treatment.

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
☒	☐

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
☒	☐

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.

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

June 30, 2025
Date

EC CERTIFICATIONS

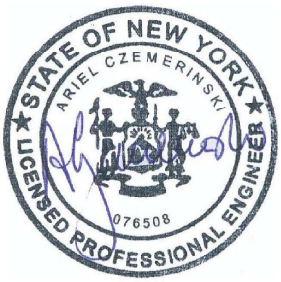
Box 7

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
(Owner or Remedial Party)



06/30/2025

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	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 2022 – MAY 2025

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I. EXCECUTIVE SUMMARY

AMC Engineering PLLC (AMC) has prepared the following Periodic Review Report for May 31, 2022 to May 31, 2025, 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.

In September 2015 the DEC redefined a portion of the site as a Track 2 area. As per the SMP, there are four monitoring wells included in the Track 2 area which currently make up the groundwater sampling program: IRMW7, IRMW10, IRMW11, and IRMW14.

In accordance with the letter from the DEC received on October 7th, 2024, the sampling frequency of IRMW-7, IRMW-10, and IRMW-11 was reduced from quarterly to yearly thereafter. Sampling for IRMW-14 continued on a quarterly basis during this reporting period. This letter is included in **Appendix E**.

Groundwater sampling was performed on select wells several times during the reporting period on 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, 9/25/2024, 12/18/2024, 2/12/2025, and 4/24/2025. 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 14,026.40 µg/L (1Q24). PVOC concentrations in the remaining wells ranged from 0.00 µg/L (4Q23) in IRMW11

to 477.64 µg/L (3Q22) in IRMW10 throughout the reporting period. The concentration of PVOCs in groundwater from the most recent sampling (2Q25) in IRMW14 is 1,500.15 µg/L.

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.

In March 2025, AMC prepared and submitted a Remedial Systems Optimization (RSO) Plan to the Department to address the persistent presence of VOCs in IRMW-14. This plan was approved March 26, 2025. As per the approved plan, four (4) slow-release compound filter socks were installed in IRMW-14 following the collection of quarterly samples on April 24, 2025. The plan and its approval letter are included in **Appendix F**.

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**).

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 of 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 current reporting period on 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, 9/25/2024, 12/18/2024, 2/12/2025, and 4/24/2025.

In September 2015 the DEC redefined a portion of the site as a Track 2 area. There are four monitoring wells included in the Track 2 area which currently make up the groundwater sampling program: IRMW7, IRMW10, IRMW11, and IRMW14.

In accordance with the letter from the DEC received on October 7th, 2024, the sampling frequency of IRMW-7, IRMW-10, and IRMW-11 was reduced from quarterly to yearly thereafter. Sampling for IRMW-14 continued on a quarterly basis during this reporting period. This letter is included in **Appendix E**.

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 14,026.40 µg/L (1Q24). PVOC concentrations in the remaining wells ranged from 0.00 µg/L (4Q23) in IRMW11 to 477.64 µg/L (3Q22) in IRMW10 throughout the reporting period. The concentration of PVOCs in groundwater from the most recent sampling (2Q25) in IRMW14 is 1,500.15 µg/L.

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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).

This well was sampled seven times during the previous 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.

Within the current reporting period, the well was sampled six times on 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, and 9/25/2024. During this time, BTEX concentrations have ranged from a low of 0.00 µg/L on 2/22/2024 and 7/17/2024, to a high of 12.90 µg/L on 11/10/2022. The most recent BTEX concentration (9/25/2024) is 2.41 µg/L. Total VOCs during the reporting period ranged from 4.40 µg/L on 7/17/2024 to 266.26 µg/L on 11/10/2022. The most recent total VOC concentration (9/25/2024) is 25.38 µg/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.

This well was sampled seven times during the previous 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 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 this previous reporting period ranged from 477.64 µg/L on 6/30/22 to 622.10 µg/L on 9/30/19. Total VOC concentration on 6/30/22 was 477.64 µg/L.

Within the current reporting period, this well was sampled six times on 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, and 9/25/2024. During this time BTEX concentrations ranged from a low of 0.00 µg/L on 12/8/23 to a high of 27.10 µg/L on 9/25/24. Total VOCs during this reporting period ranged from 4.57 µg/L on 12/8/23 to 477.64 µg/L on 6/30/22. Total VOC concentration on 9/25/24 was 243.92 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).

This well was sampled seven times during the previous 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 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 previous reporting period ranged from 84.14 µg/L on 6/30/22 to 366.10 µg/L on 12/10/19.

Within the current reporting period, this well was sampled six times on 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, and 9/25/2024. During this time BTEX concentrations ranged from a low of 0.00 µg/L on 12/8/2023 and 2/22/2024, to a high of 3.03 µg/L on 9/25/24. Total VOCs during this reporting period have ranged from 0.00 µg/L on 12/8/23 to 132.98 µg/L on 11/10/22. Total VOC concentration on 9/25/24 was 28.63 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 previous 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).

This well was sampled seven times during the previous 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 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. BTEX concentration on 6/30/22 was found to be 1491.60 µg/L. Total VOCs during the previous reporting period ranged from 1,033.90 µg/L on 6/30/2022 to 10,620.10 µg/L on 3/27/2020.

Within the current reporting period, this well was sampled nine times on 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, 9/25/2024, 12/18/2024, 2/12/2025, and 4/24/2025. During this time BTEX concentrations ranged from a low of 237.30 µg/L on 9/25/24 to a high of 10,048.00 µg/L on 2/22/24. BTEX concentration on 4/25/25 was found to be 866.00 µg/L. Total VOCs during this reporting

period ranged from 458.41 µg/L on 9/25/24 to 14,026.40 µg/L on 2/22/24. Total VOCs on 4/25/25 was found to be 1500.15 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.

In March 2025, AMC prepared and submitted a Remedial Systems Optimization (RSO) Plan to the Department to address the persistent presence of VOCs in IRMW-14. This plan was approved March 26, 2025. As per the approved plan, four (4) slow-release compound filter socks were installed in IRMW-14 following the collection of quarterly samples on April 24, 2025. The plan and its approval letter are included in **Appendix F**.

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.

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 persistent. 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 pull contamination from off-site areas, back onto the site and prolonging site remediation.

In March 2025, AMC prepared and submitted a Remedial Systems Optimization (RSO) Plan to the Department to address the persistent presence of VOCs in IRMW-14. This plan was approved March 26, 2025. As per the approved plan, four (4) slow-release compound filter socks were installed in IRMW-14 following the collection of quarterly samples on April 24, 2025. The plan and its approval letter are included in **Appendix F**.

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	6/26/2025	
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 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, 9/25/2024, 12/18/2024, 2/12/2025, and 4/24/2025. In September 2015 the DEC redefined a portion of the Site as a Track 2 area. There are four monitoring wells which currently make up the groundwater sampling program: IRMW-7, IRMW-10, IRMW-11, 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, IRMW-13 and IRMW-15 were either outside of the redefined Track 2 area, previously abandoned/removed, or not included in the Site Management Plan (SMP), 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 six times during the reporting period. BTEX concentrations have ranged from a low of 0.00 µg/L on 2/22/2024 and 7/17/2024, to a high of 12.90 µg/L on 11/10/2022. The most recent BTEX concentration (9/25/2024) is 2.41 µg/L. Total VOCs during the reporting period ranged from 4.40 µg/L on 7/17/2024 to 266.26 µg/L on 11/10/2022.

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. BTEX concentrations ranged from a low of 0.00 µg/L on 12/8/23 to a high of 27.10 µg/L on 9/25/24. Total VOCs during this reporting period ranged from 4.57 µg/L on 12/8/23 to 477.64 µg/L on 6/30/22.

IRMW-11 is located in the sidewalk along the east property line. BTEX concentrations ranged from a low of 0.00 µg/L on 12/8/2023 and 2/22/2024, to a high of 3.03 µg/L on 9/25/24. Total VOCs during this reporting period have ranged from 0.00 µg/L on 12/8/23 to 132.98 µg/L on 11/10/22.

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. BTEX concentrations ranged from a low of 237.30 µg/L on 9/25/24 to a high of 10,048.00 µg/L on 2/22/24. BTEX concentration on 4/25/25 was found to be 866.00 µg/L. Total VOCs during this reporting period ranged from 458.41 µg/L on 9/25/24 to 14,026.40 µg/L on 2/22/24.

D. Monitoring Deficiencies

Monitoring deficiencies were noted during this reporting period. Due to unforeseen scheduling complications, quarterly groundwater sampling during quarters 1Q23, 2Q23, 3Q23 was not performed.

Although samples could not be obtained during quarter 2Q24 due to logistical reasons, an extra round of sampling was conducted in quarter 3Q24 to compensate for the missed event. The sampling event on 7/17/24 was counted for the 2Q24 report. The sampling event on 9/25/24 was submitted for the 3Q24 report.

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 much lower than original levels.

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. In March 2025, AMC prepared and submitted a Remedial Systems Optimization (RSO) Plan to the Department to address the persistent presence of VOCs in IRMW-14. This plan was approved March 26, 2025. As per the approved plan, four (4) slow-release compound filter socks were installed in IRMW-14 following the collection of quarterly samples on April 24, 2025. The plan and its approval letter are included in **Appendix F**.

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 6/30/2022, 11/10/2022, 12/8/2023, 2/22/2024, 7/17/2024, 9/25/2024, 12/18/2024, 2/12/2025, and 4/24/2025.

- 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.

- In March 2025, AMC prepared and submitted a Remedial Systems Optimization (RSO) Plan to the Department to address the persistent presence of VOCs in IRMW-14. This plan was approved March 26, 2025. As per the approved plan, four (4) slow-release compound filter socks were installed in IRMW-14 following the collection of quarterly samples on April 24, 2025. The plan and its approval letter are included in **Appendix F**.

- 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 May 2025 to May 2028.

TABLES

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

Table 1
Well Survey Data

Groundwater Survey
Location: 3035 White Plains Road, Bronx NY
Date: 07/17/2024

Summary of Adjusted Elevations

Location	Time	DTW (ft)	Survey (ft)	DTW + Survey (ft)	Baseline El (ft)	GW El (ft)
IRMW-7	9:03 AM	16.12	4.6	20.72	100	79.28
IRMW-10	9:06 AM	16.07	4.61	20.68	100	79.32
IRMW-11	8:58 AM	16.08	4.62	20.7	100	79.3
IRMW-14	8:53 AM	16.21	4.57	20.78	100	79.22

Raw - 7, 11 ,14, TP

Location	Time	DTW (ft)	Survey (ft)	DTW + Survey (ft)	Baseline El (ft)	GW El (ft)
IRMW-7	9:03 AM	16.12	4.6	20.72	100	79.28
IRMW-11	8:58 AM	16.08	4.62	20.7	100	79.3
IRMW-14	8:53 AM	16.21	4.57	20.78	100	79.22
Turning Pt	-	-	4.54	-	-	-

Raw - 10, TP

Location	Time	DTW (ft)	Survey (ft)	DTW + Survey (ft)	Baseline El (ft)	GW El (ft)
Turning Pt	-	-	4.77	-	-	-
IRMW-10	9:06 AM	16.07	4.84	20.91	100	79.09

Adjusted - 10, TP Δ 0.23

Location	Time	DTW (ft)	Survey (ft)	DTW + Survey (ft)	Baseline El (ft)	GW El (ft)
Turning Pt	-	-	4.54	-	-	-
IRMW-10	9:06 AM	16.07	4.61	20.68	100	79.32

TABLE 2
3035 White Plains Road, Bronx, NY
Groundwater Sample Results
2nd Quarter 2025 - April 2025

COMPOUND	NYSDEC Ambient Water Quality Standards	IRMW-14	Duplicate	Trip Blank
		4/24/2025	4/24/2025	4/24/2025
	µg/L	Result	Result	Result
1,1,1,2-Tetrachloroethane	5	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	5	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	1	< 1.0	< 1.0	< 1.0
1,1,2-Trichlorotrifluoroethane	5			
1,1-Dichloroethane	5	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	5	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	5	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	0.04	**< 0.25**	**< 0.25**	**< 0.25**
1,2,4-Trichlorobenzene		< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	5	**360**	**360**	< 1.0
1,2-Dibromo-3-Chloropropane	0.04	**< 0.50**	**< 0.50**	**< 0.50**
1,2-Dibromoethane	0.0006	**< 0.25**	**< 0.25**	**< 0.25**
1,2-Dichlorobenzene	5	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	0.6	< 0.60	< 0.60	< 0.60
1,2-Dichloroethylene (Total)				
1,2-Dichloropropane	1	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	5	**21**	**25**	< 1.0
1,3-Dichlorobenzene		< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	5	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	5	< 1.0	< 1.0	< 1.0
1,4-dioxane				
2,2-Dichloropropane	5	< 1.0	< 1.0	< 1.0
2-Butanone				
2-Chlorotoluene	5	< 1.0	< 1.0	< 1.0
2-Hexanone		< 2.5	< 2.5	< 2.5
2-Isopropyltoluene	5	1.2	1.4	< 1.0
4-Chlorotoluene	5	< 1.0	< 1.0	< 1.0
4-Methyl-2-Pentanone		< 2.5	< 2.5	< 2.5
Acetone		< 5.0	< 5.0	< 5.0
Acrolein	5	< 5.0	< 5.0	< 5.0
Acrylonitrile	5	< 5.0	< 5.0	< 5.0
Benzene	1	**22**	**25**	< 0.70
Bromobenzene	5	< 1.0	< 1.0	< 1.0
Bromochloromethane	5	< 1.0	< 1.0	< 1.0
Bromodichloromethane		< 1.0	< 1.0	< 1.0
Bromoform		< 5.0	< 5.0	< 5.0
Bromomethane	5	< 5.0	< 5.0	< 5.0
Carbon Disulfide	60	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	5	< 1.0	< 1.0	< 1.0
Chlorobenzene	5	< 5.0	< 5.0	< 5.0
Chloroethane	5	< 5.0	< 5.0	< 5.0
Chloroform	7	< 5.0	< 5.0	< 5.0
Chloromethane	60	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	5	0.35	< 1.0	< 1.0
cis-1,3-Dichloropropene		< 0.40	< 0.40	< 0.40
Cyclohexane				
Dibromochloromethane	5	< 1.0	< 1.0	< 1.0
Dibromomethane	5	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	5	< 1.0	< 1.0	< 1.0
Ethyl Benzene	5	**300**	**300**	< 1.0
Hexachlorobutadiene	0.5	< 0.50	< 0.50	< 0.50
Isopropylbenzene	5	**22**	**27**	< 1.0
m/p-Xylenes	10	390	380	< 1.0
Methyl Acetate				
Methyl Cyclohexane				
Methyl ethyl ketone		< 2.5	< 2.5	< 2.5
Methyl tert-butyl Ether	10	4	4.2	< 1.0
Methylene Chloride	5	< 3.0	< 3.0	< 3.0
Naphthalene	10	**160**	**170**	< 1.0
n-Butylbenzene	5	**5.5**	**6.8**	< 1.0
n-Propylbenzene	5	**53**	**64**	< 1.0
o-Xylene	5	**120**	**120**	< 1.0
p-Isopropyltoluene		2.1	2.1	< 1.0
sec-Butylbenzene	5	3.9	4.7	< 1.0
Styrene	5	< 1.0	< 1.0	< 1.0
t-1,3-Dichloropropene	0.4			
Tert-butyl alcohol				
tert-Butylbenzene	5	< 1.0	< 1.0	< 1.0
Tetrachloroethene	5	< 1.0	< 1.0	< 1.0
Tetrahydrofuran (THF)		< 5.0	< 5.0	< 5.0
Toluene	5	**34**	**38**	< 1.0
trans-1,2-Dichloroethene	5	< 5.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	0.4	< 0.40	< 0.40	< 0.40
trans-1,4-dichloro-2-butene	5	< 2.5	< 2.5	< 2.5
Trichloroethene	5	1.1	< 1.0	< 1.0
Trichlorofluoromethane	5	< 1.0	< 1.0	< 1.0
Trichlorotrifluoroethane		< 1.0	< 1.0	< 1.0
Vinyl Acetate				
Vinyl Chloride	2	< 1.0	< 1.0	< 1.0
Total BTEX Concentration		**866.00**	**863.00**	**0.00**
Total Chlroinated VOC Concentrations		**1.45**	**0.00**	**0.00**
Total VOCs		**1500.15**	**1528.20**	**0.00**

Notes:

Bold- Indicated RL exceeds NYCDEC Groundwater Standard

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	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	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	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	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	ND
1,1,2-Trichlorotrifluoroethane	5	NR	ND	NR	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	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	NR
1,1-Dichloroethylene		NR	NR	NR	ND	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	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	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	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	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	ND
1,2-Dibromoethane		NR	ND	NR	ND	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	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	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	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	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	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	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	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	ND
2-Butanone		NR	ND	NR	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	ND
2-Hexanone		NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	NR	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	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	NR
Acetone		NR	ND	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND	46	ND	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	ND
Bromochloromethane	5	NR	NR	NR	ND	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	ND
Bromoform		NR	ND	NR	ND	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	ND
Carbon Disulfide	60	NR	ND	NR	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	ND
Chlorobenzene	5	NR	ND	NR	ND	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	ND
Chloroform	7	NR	ND	NR	ND	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	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	NR
Dibromochloromethane	5	NR	ND	NR	ND	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	ND
Dichlorodifluoromethane	5	NR	ND	NR	ND	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	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	NR
Methyl Cyclohexane		NR	**130**	NR	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**	-	**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																														
		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	11/10/2022	12/8/2023	2/22/2024	7/17/2024	9/25/2024
	µg/L	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	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 0.25	< 1.0	< 0.25	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	0.7	2.6	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 0.50	< 1.0	< 0.50	< 1.0	< 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	< 1.0	< 0.25	< 1.0	< 0.25	< 1.0	< 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	< 1.0		< 1.0	< 1.0	< 1.0	< 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	< 0.60	< 0.60	< 0.60	< 0.60	< 0.60	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	0.36	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-dioxane		-	-	-	-	-	-	-	< 250	< 100	< 100	-	-	< 500	< 100	< 100	< 200	< 200	< 200	< 500	< 200	< 100	< 100	< 500	< 100	< 0.57	-	< 25			
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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 2.5	< 2.5	< 2.5	< 5.0	< 2.5	< 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	5	0.45	0.41	< 1.0	1.2
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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 2.5	< 2.5	< 2.5	< 5.0	< 2.5	< 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	< 5.0	< 5.0	2.5	< 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	< 5.0	< 5.0	< 5.0	-	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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**	4.7	< 0.70	< 0.70	< 0.70	**1.7**
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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 0.50	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 5.0	< 5.0	0.26	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 0.40	< 0.40	< 0.40	< 0.40	< 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	< 1.0	< 1.0	< 1.0	< 0.50	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	2.8	1.7	< 1.0	< 1.0	0.31
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	< 0.50	< 0.50	< 0.50	< 0.40	< 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**	51	2.7	2.1	1.2	**8.8**
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	2.5	0.35	< 1.0	< 1.0	0.4
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	< 2.5	< 2.5	< 2.5	< 5.0	< 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	8.7	0.82	0.52	2	3.6
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	< 1.0	< 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	< 3.0	< 3.0	< 3.0	< 1.0	< 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	3.2	< 1.0	< 1.0	< 1.0	< 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	6.6	1.2	< 1.0	< 1.0	0.87
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**	35	4	1.4	< 1.0	4.2
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	1.9	< 1.0	< 1.0	< 1.0	< 1.0
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	< 1.0	< 1.0	< 1.0	< 1.0	< 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**	21	1.6	1.4	1.2	3.8
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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-1,3-Dichloropropene	0.4	ND	ND	ND	ND	ND	ND					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Tert-butyl Alcohol		-	-	-	-	-	-	-	-	-	-	-	-	< 250	70	51	36	< 100	43	100	53	22	23	120	69	120	-	-	-	
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	1.8	< 1.0	< 1.0	< 1.0	0.5
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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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	< 5.0	< 5.0	< 5.0	< 2.5	< 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	1	< 1.0	< 1.0	< 1.0	< 1.0
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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 0.40	< 0.40	< 0.40	< 0.40	< 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	< 2.5	< 2.5	< 2.5	< 5.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 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**	**12.90**	**2.05**	**0.00**	**0.00**	**2.41**
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**	**0.00**	**0.00**	**0.26**	**0.00**	**0.00**
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**	**266.26**	**15.42**	**8.59**	**4.40**	**25.38**

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	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
	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																											
		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	11/10/2022	12/8/2023	2/22/2024	7/17/2024	9/25/2024
	µg/L	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	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	< 2.0	< 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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	< 5.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 0.50	< 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	< 2.0	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 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	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 0.25	< 1.0	< 0.25	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	0.59	< 1.0	< 1.0	< 1.0	0.44
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	< 2.0	< 0.50	< 1.0	< 0.50	< 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	< 2.0	< 0.25	< 1.0	< 0.25	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 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	< 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	< 2.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	0.28
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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-dioxane	-	-	-	-	-	-	-	-	-	-	-	< 500	< 200	< 1000	< 200	< 500	< 500	< 500	< 500	< 500	< 1000	< 200	< 100	< 0.57	-	-	-	-
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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 5.0	< 2.5	< 2.5	< 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**	6.3	0.53	1.2	3.1	**6.1**
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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 5.0	< 2.5	< 2.5	< 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	< 10	< 5.0	< 5.0	< 25	< 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	< 10	< 5.0	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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**	11	< 0.70	1.8	**4.7**	**12**
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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 0.50	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 5.0	< 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	< 2.0	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 0.80	< 0.40	< 0.40	< 0.40	< 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	< 2.0	< 1.0	< 1.0	< 0.50	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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**	7.2	< 1.0	0.88	1.1	**10**
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	< 1.0	< 0.50	< 0.50	< 0.40	< 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**	75	1.8	12	**28**	**52**
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	2.2	< 1.0	0.58	< 1.0	2.3
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	< 5.0	< 2.5	< 2.5	< 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**	10	0.44	1.7	5.5	7.8
Methylene Chloride	5	ND	ND	ND	ND	< 3.0	< 5.0	< 3.0	< 5.0	< 3.0	< 3.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 3.0	< 6.0	< 3.0	< 3.0	< 1.0	< 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**	**28**	< 1.0	2.1	4.6	**40**
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**	24	< 1.0	0.56	3.2	**9.6**
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**	150	< 1.0	8.3	**28**	**78**
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	0.99	< 1.0	0.29	< 1.0	1.1
p-Isopropyltoluene		4.3	4.2	ND	14	8.8	3.2	4.2	1.9	2.5	1.5	< 5.0	0.98	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	3.8
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**	26	1.8	3.8	**9.4**	**17**
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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	120	-	-	-	
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	2.2	< 1.0	0.44	1	2
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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 10	< 5.0	< 5.0	< 2.5	< 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	1.6	< 1.0	0.38	< 1.0	1.7
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	< 10	< 5.0	< 5.0	< 1.0	< 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	< 0.80	< 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	< 2.5	< 13	< 2.5	< 13	< 5.0	< 25	< 5.0	< 13	< 13	< 13	< 13	< 13	< 25	< 5.0	< 2.5	< 5.0	< 2.5	< 2.5	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene		-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichlorofluoromethane	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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 1.0	< 1.0	< 1.0	< 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**	**22.99**	**0.00**	**3.93**	**5.80**	**27.10**
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**	**0.00**	**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**	**468.48**	**4.57**	**34.03**	**88.60**	**243.92**

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																
		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
	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	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	ND	ND	NR	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																												
		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	8/30/2020	9/28/2020	6/30/2022	11/10/2022	12/8/2023	2/22/2024	7/17/2024	9/25/2024
	µg/L	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	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	< 1.0	< 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	< 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	< 1.0	< 1.0	< 1.0	< 0.50	< 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	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 1.0	< 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	< 1.0	< 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	< 1.0	< 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	< 1.0	< 0.25	< 1.0	< 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	< 1.0	< 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	< 1.0	< 1.0	1.2	< 1.0	< 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	< 1.0	< 0.50	< 1.0	< 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	< 1.0	< 0.25	< 1.0	< 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	< 1.0	< 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	< 0.60	< 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	< 1.0	< 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	< 1.0	< 1.0	0.28	< 1.0	< 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	< 1.0	< 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	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 200	<200	< 500	< 500	< 100	< 100	< 100	< 100	< 0.57	-	-	-	
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	< 1.0	< 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	< 1.0	< 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	< 2.5	< 2.5	< 2.5	< 5.0	< 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	< 1.0	< 1.0	3.6	4.6	< 1.0	< 1.0	< 1.0	2.9
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	< 1.0	< 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	< 2.5	< 2.5	< 2.5	< 5.0	< 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	< 5.0	< 5.0	< 5.0	< 25	< 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	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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**	1.8	< 0.70	< 0.70	**1.5**	**2.4**
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	< 1.0	< 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	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 0.50	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 5.0	< 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	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 1.0	< 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	< 0.40	< 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	< 1.0	< 1.0	< 1.0	< 0.50	< 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	< 1.0	< 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	< 1.0	< 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	0.25	< 1.0	< 1.0	< 1.0	< 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	< 0.50	< 0.50	< 0.50	< 0.40	< 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**	6.2	< 1.0	0.28	2	4.4
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	0.53	< 1.0	< 1.0	< 1.0	0.63
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	< 2.5	< 2.5	< 2.5	< 5.0	< 2.5
Methyl tert-butyl Ether	10	**31**	**30**	**20**	**21**	**44**	**20**	**15**	**23**	**27**	**23**	8.7	**11**	**15**	8.7	2.5	7.5	**18**	**13**	5.4	**15**	**15**	7.1	8.1	< 1.0	0.58	3.9	6.6
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	< 3.0	< 3.0	< 3.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	1.5	< 1.0	< 1.0	< 1.0	0.86
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	2.1	< 1.0	< 1.0	< 1.0	0.42
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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	0.32
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**	8.2	< 1.0	0.51	3.3	**8.8**
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	< 1.0	< 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	98	-	-	-	
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	1.7	< 1.0	< 1.0	< 1.0	1.3
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	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 2.5	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 1.0	< 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	< 0.40	< 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	< 2.5	< 2.5	< 2.5	< 5.0	< 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	< 1.0	< 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	< 1.0	< 1.0	< 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	< 1.0	< 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	< 1.0	< 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**	**2.58**	**0.00**	**0.00**	**1.50**	**3.03**
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**	**0.00**	**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**	**132.98**	**0.00**	**2.85**	**10.70**	**28.63**

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

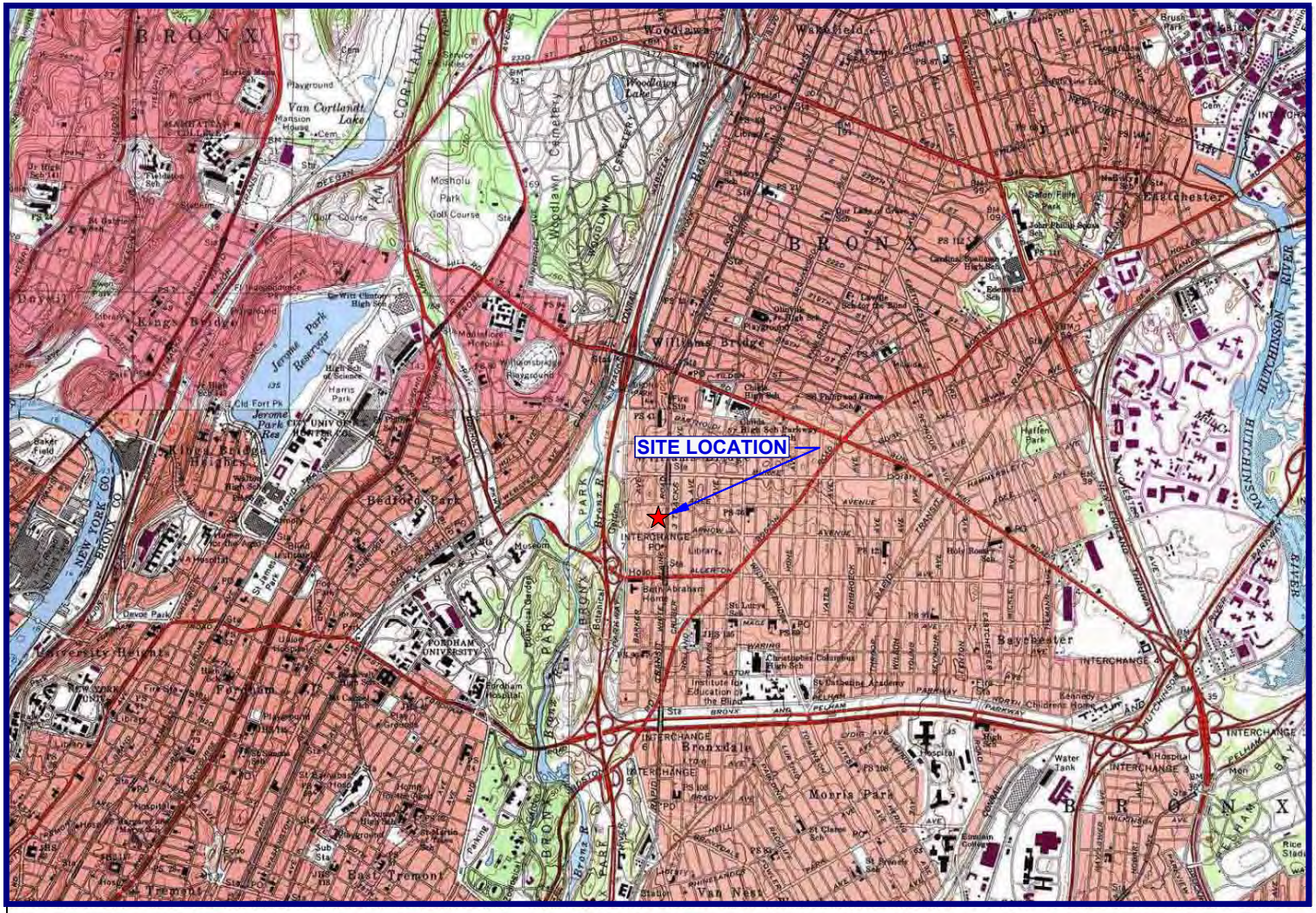
TABLE 6
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-14

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	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	11/10/2022	12/8/2023	2/22/2024	7/17/2024	9/25/2024	12/18/2024	2/12/2025	4/25/2025
	µg/L	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	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	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
1,1,1-Trichloroethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 0.50	< 1.0	< 1.3	< 5.0	< 1.0
1,1,2-Trichloroethane	1	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**1.6**	ND	ND	ND	ND	ND	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 1.0	< 1.0
1,1,2-Trichlorotrifluoroethane	5	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	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	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	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 5.0	< 5.0
1,1-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
1,1-Dichloroethylene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
1,1-Dichloropropylene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	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	ND	ND	< 20	< 10	< 20	< 20	< 20	< 20	-	< 20	< 20	< 20	< 20	< 10	< 250	< 1.0	< 20	< 20	< 20	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
1,2,3-Trichloropropane	0.04	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 1.0	< 0.25	< 20	< 0.25	< 1.0	< 1.3	< 0.50	< 0.25
1,2,4-Trichlorobenzene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	< 20	< 10	< 20	< 20	< 20	< 20	-	< 20	< 20	< 20	< 20	< 10	< 250	< 1.0	< 20	< 20	< 20	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
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**	**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**	**380**	**1,200**	**2,400**	**640**	**110**	**870**	**340**	**360**
1,2-Dibromo-3-Chloropropane	0.04	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**31**	ND	ND	ND	ND	ND	ND	ND	< 20	< 5.0	< 10	< 10	< 10	< 10	-	< 10	< 10	< 10	< 10	< 5.0	< 130	< 0.50	< 10	< 10	< 10	< 5.0	< 1.0	< 0.50	< 20	< 0.50	< 1.0	< 2.5	< 0.50	< 0.50
1,2-Dibromoethane		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 1.0	< 0.25	< 20	< 0.25	< 1.0	< 1.3	< 0.50	< 0.25
1,2-Dichlorobenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 4.7	< 1.0
1,2-Dichloroethane	0.6	ND	NS	NS	ND	ND	**14**	**29**	NS	ND	ND	**13**	ND	ND	ND	ND	ND	ND	ND	< 10	< 5.0	< 10	< 10	< 10	< 10	-	< 10	< 10	< 10	< 10	<5.0	< 130	< 0.60	< 10	< 10	< 10	< 3.0	< 0.60	< 0.60	< 12	< 0.60	< 0.60	< 2.5	< 0.50	< 0.60
1,2-Dichloroethylene (Total)		ND	NS	NS	ND	ND	ND	ND	NS	ND	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	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 1.0	< 1.0
1,3,5-Trimethylbenzene	5	**1,100**	NS	NS	**470**	**430**	ND	**330**	NS	**250**	**200**	**160**	**150**	**320**	**460**	ND	**150**	**28**	**290**	**310**	**630**	**850**	**730**	**270**	**570**	-	**690**	**500**	**570**	**560**	**230**	**200**	1.1	**340**	**520**	**220**	**33**	**57**	**140**	**590**	**150**	**11**	**75**	**52**	**21**
1,3-Dichlorobenzene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 3.0	< 1.0
1,3-Dichloropropane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
1,4-Dichlorobenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
1,4-dioxane		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 2000	< 2000	< 2000	< 2000	<2000	< 25000	< 100	< 2000	< 2000	< 2000	< 500	< 0.57	-	-	-		-	-	
2,2-Dichloropropane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
2-Butanone		NR	NR	NR	NR	NR	NR	NR	NS	150	280	52	32	220	130	100	21	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
2-Chlorotoluene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	100	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
2-Hexanone		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	-	< 50	< 25	< 50	< 50	< 50	< 5.0	-	< 50	< 5.0	< 50	< 50	< 25	< 130	< 2.5	< 50	< 50	< 50	< 13	< 2.5	< 2.5	< 50	< 5.0	< 2.5	< 13	< 13	< 2.5
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	0.3	**5.6**	**5.4**	1.6	0.29	< 1.3	< 5.0	1.2
4-Chlorotoluene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**34**	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
4-Methyl-2-Pentanone		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 25	< 130	< 2.5	< 50	< 50	< 50	< 13	< 2.5	< 2.5	< 50	< 5.0	< 2.5	< 13	< 13	< 2.5
Acetone		NR	NR	NR	NR	NR	NR	NR	NS	11	420	80	38	570	230	140	37	ND	490	200	95	77	< 50	66	< 50	-	< 50	< 50	< 50	< 50	< 50	< 500	< 5.0	< 50	< 50	< 50	< 25	12	< 5.0	< 100	< 25	8.6	< 13	< 25	< 5.0
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	<50	< 630	< 5.0	< 50	< 50	< 50	< 25	< 5.0	< 5.0	< 100	-	< 5.0	< 13	< 5.0	< 5.0
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	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 13	< 5.0	< 5.0
Benzene	1	**1,000**	NS	NS	**1,200**	**690**	**220**	**710**	NS	**680**	**280**	**400**	**130**	**620**	**930**	**230**	**170**	**4.3**	**160**	**460**	**510**	**800**	**580**	**160**	**440**	-	**380**	**390**	**340**	**140**	**89**	**130**	**2**	**94**	**75**	**76**	**9.6**	**17**	**32**	**48**	**10**	**5.3**	**46**	**30**	**22**
Bromobenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**17**	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
Bromochloromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
Bromodichloromethane		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	< 20	< 10	< 20	< 20	< 20	< 20	-	< 20	< 20	< 20	< 20	< 10	< 63	< 1.0	< 20	< 20	< 20	< 5.0	< 1.0	< 1.0	< 20	< 0.50	< 1.0	< 1.3	< 5.0	< 1.0
Bromoform		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	< 50	< 50	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 50	< 63	< 5.0	< 50	< 50	< 50	< 25	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 25	< 5.0
Bromomethane	5	ND	NS	NS	ND	ND	**7.2**	ND	NS	ND	ND	ND	ND	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	**91**	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 5.0	< 5.0
Carbon Disulfide	60	NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	-	34	20	19	13	10	11	-	< 20	< 20	< 20	< 20	< 10	< 63	< 1.0	< 20	< 20	< 20	< 5.0	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 1.3	< 5.0	< 1.0
Carbon Tetrachloride	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
Chlorobenzene	5	ND	NS	NS	ND	ND	0.85	ND	NS	ND	ND	ND	ND	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	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 5.0	< 5.0
Chloroethane	5	ND	NS	NS	ND	ND	**23**	ND	NS	**23**	ND	2.8	ND	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	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 5.0	< 5.0
Chloroform	7	ND	NS	NS	ND	ND	1.3	ND	NS	ND	ND	2.5	ND	ND	ND	ND	ND	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	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 7.0	< 5.0
Chloromethane	60	ND	NS	NS	ND	ND	**110**	**110**	NS	ND	**45**	3.3	ND	ND	ND	ND	2.9	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	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 5.0	< 5.0
cis-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	0.35
cis-1,2-Dichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
cis-1,3-Dichloropropene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 0.40	< 0.40	< 8.0	< 0.40	< 0.40	< 1.3	< 0.50	< 0.40
cis-1,3-Dichloropropylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	< 20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane		NR	NR	NR	NR	NR	NR	NR	NS	NR	NR	NR	NR	NR	NR	NR	NR	NR	-	-	-	-	-	-	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibromochloromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	< 20	< 10	< 20	< 20	< 20	< 5.0	-	< 20	< 20	< 20	< 20	< 10	< 63	< 1.0	< 20	< 20	< 20	< 5.0	< 1.0	< 1.0	< 20	< 0.50	< 1.0	< 1.3	< 5.0	< 1.0
Dibromomethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
Dichlorodifluoromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
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**	**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**	**140**	**440**	**1,800**	**440**	**74**	**400**	**240**	**300**
Hexachlorobutadiene	0.5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 0.50	< 0.50	< 10	< 0.40	< 0.50	< 1.0	< 0.50	< 0.50
Isopropylbenzene	5	**170**	NS	NS	**74**	**64**	ND	**53**	NS	**38**	**28**	**46**	**17**	ND	**50**	ND	**13**	**22**	ND	**34**	**82**	**80**	**96**	**25**	**68**	-	**78**	**67**	**77**	**89**	**53**	< 63	**7.4**	**60**	**80**	**41**	**5.2**	**7.7**	**81**	**130**	**28**	3.5	**23**	**10**	**22**
m/p-Xylenes	10	**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**	**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**	**390**	**750**	**5,500**	**1,200**	**120**	**680**	**470**	390
Methyl Acetate		NR	NR	NR	NR	NR	NR	NR	NS	NR	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	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl ethyl ketone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 25	< 500	< 2.5	< 50	< 50	< 50	< 13	4.5	< 2.5	< 50	< 5.0	< 2.5	< 13	< 13	< 2.5
Methyl tert-butyl Ether	10	ND	NS	NS	**66**	**13**	**20**	**100**	NS	**150**	**100**	**53**	**41**	ND	**110**	**39**	**26**	**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	15	2.3	< 20	5.1	3.6	**16**	**20**	4
Methylene Chloride	5	**260**	NS	NS	**5.1**	**510**	**36**	**60**	NS	**8.2**	ND	ND	ND	**460**	ND	ND	ND	ND	**73**	< 20	< 10	< 20	< 20	< 20	< 20	-	< 10	< 10	< 10	< 10	< 5.0	< 130	< 3.0	< 10	< 10	< 10	< 15	< 3.0	< 3.0	< 60	< 1.0	< 3.0	< 5.0	< 5.0	< 3.0
Naphthalene	10	**910**	NS	NS	**610**	**36**	ND	**470**	NS	**410**	**310**	**200**	**180**	**460**	**500**	**350**	**170**	**140**	**280**	**480**	**560**	**760**	**680**	**200**	**550**	-	**590**	**470**	**560**	**900**	**480**	**440**	3.1	**600**	**720**	**400**	**150**	**170**	**190**	**460**	**120**	**74**	**220**	**140**	**160**
n-Butylbenzene	5	**210**	NS	NS	**41**	**150**	ND	**25**	NS	ND	ND	**29**	ND	ND	ND	ND	ND	**10**	ND	**8**	**18**	**20**	**29**	**9.2**	**17**	-	**24**	**15**	**16**	**18**	**13**	< 63	1.2	**10**	**19**	**7.2**	2.6	2	**28**	**32**	**5.4**	1.1	3.7	1.4	**5.5**
n-Propylbenzene	5	**500**	NS	NS	**160**	**530**	ND	**130**	NS	**94**	**63**	**110**	**43**	ND	**110**	**27**	**30**	**57**	**130**	**81**	**210**	**210**	**270**	**59**	**150**	-	**190**	**150**	**190**	**240**	**120**	**86**	**5.6**	**140**	**220**	**92**	**14**	22	**150**	**330**	**90**	**8.2**	**51**	**21**	**53**
o-Xylene	5	**4,100**	NS	NS	**2,000**	**3,900**	ND	**1,100**	NS	**690**	**580**	**480**	**530**	**940**	**980**	**110**	**360**	**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**	**100**	**210**	**1,700**	**460**	< 5.0	**250**	**200**	**120**
p-Isopropyltoluene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	5.6	2.9	ND	ND	ND	**2.6**	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	0.83	**12**	10	2.6	< 1.0	< 1.3	< 5.0	2.1
sec-Butylbenzene	5	ND	NS	NS	ND	**9.9**	ND	ND	NS	ND	ND	**8.0**	ND	ND	ND	ND	**3.2**	**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	< 1.0	**19**	**21**	**6.1**	0.82	< 1.3	< 5.0	3.9
Styrene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**18**	ND	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
t-1,3-Dichloropropene	0.4	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Tert-butyl alcohol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1000	< 1000	< 1000	< 1000	<1000	< 13000	< 50	< 1000	< 1000	< 1000	53	< 50	-	-	-		-	-	
tert-Butylbenzene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	**73**	ND	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	< 63	0.5	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
Tetrachloroethene	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	**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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
Tetrachloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	
Tetrahydrofuran (THF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 50	< 50	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 50	< 310	< 5.0	< 50	< 50	< 50	< 25	< 5.0	< 5.0	< 100	< 2.5	< 5.0	< 13	< 25	< 5.0
Toluene	5	**7,900**	NS	NS	**3,800**	**810**	0.96	**1,300**	NS	**980**	**580**	**600**	**640**	**1,600**	**1,500**	**320**	**590**	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**	**57**	**200**	**1,000**	**120**	**38**	**210**	**120**	**34**
trans-1,2-Dichloroethene	5	NR	NR	NR	NR	NR	NR	NR	NS	ND	ND	ND	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	< 63	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 1.3	< 5.0	< 5.0
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	< 0.40	< 0.40	< 8.0	< 0.40	< 0.40	< 1.3	< 0.50	< 0.40
trans-1,3-Dichloropropylene		ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 2.5	< 2.5	< 50	< 5.0	< 2.5	< 13	< 5.0	< 2.5
Trichloroethene	5	ND	NS	NS	ND	ND	ND	**8.2**	NS	ND	ND	**7.8**	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	< 63	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	1.1
Trichloroethylene		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Trichlorofluoromethane	5	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	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	< 63	< 1.0	< 5.0	< 5.0	-	< 5.0	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 5.0	< 1.0
Vinyl Acetate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-	-	-	-	-		-	-	
Vinyl Chloride	2	ND	NS	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 1.3	< 2.0	< 1.0
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	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	704.00	1632.00	10048.00	2230.00	237.30	1586.00	1060.00	866.00
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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45
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	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	1375.33	3459.90	14026.40	3278.80	458.41	2821.70	1644.40	1500.15

	6/4/2010	10/1/2010	12/15/2010	3/29/2011
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

FIGURES



EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

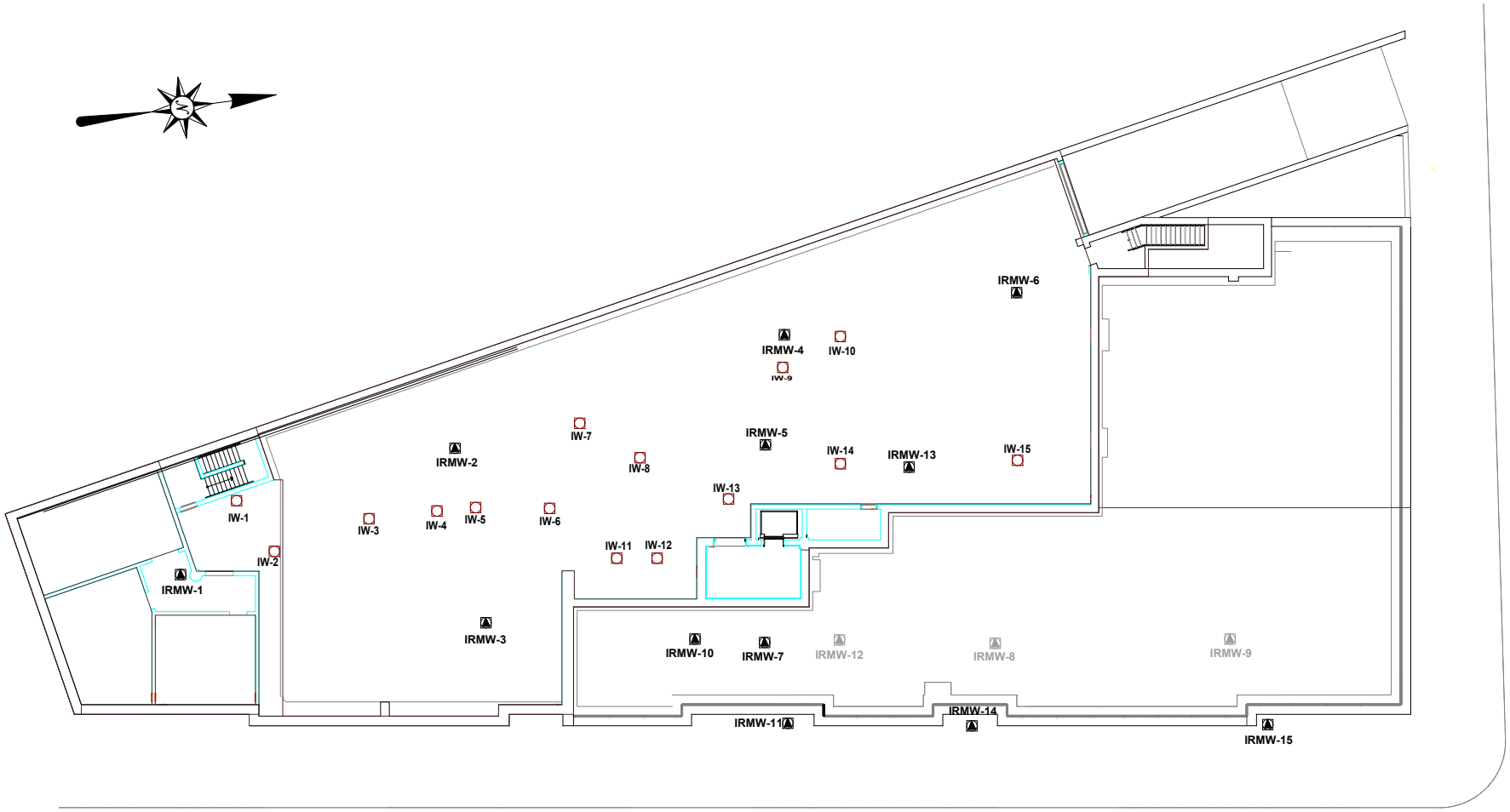
1808 Middle Country Road. Ridge. NY 11961

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

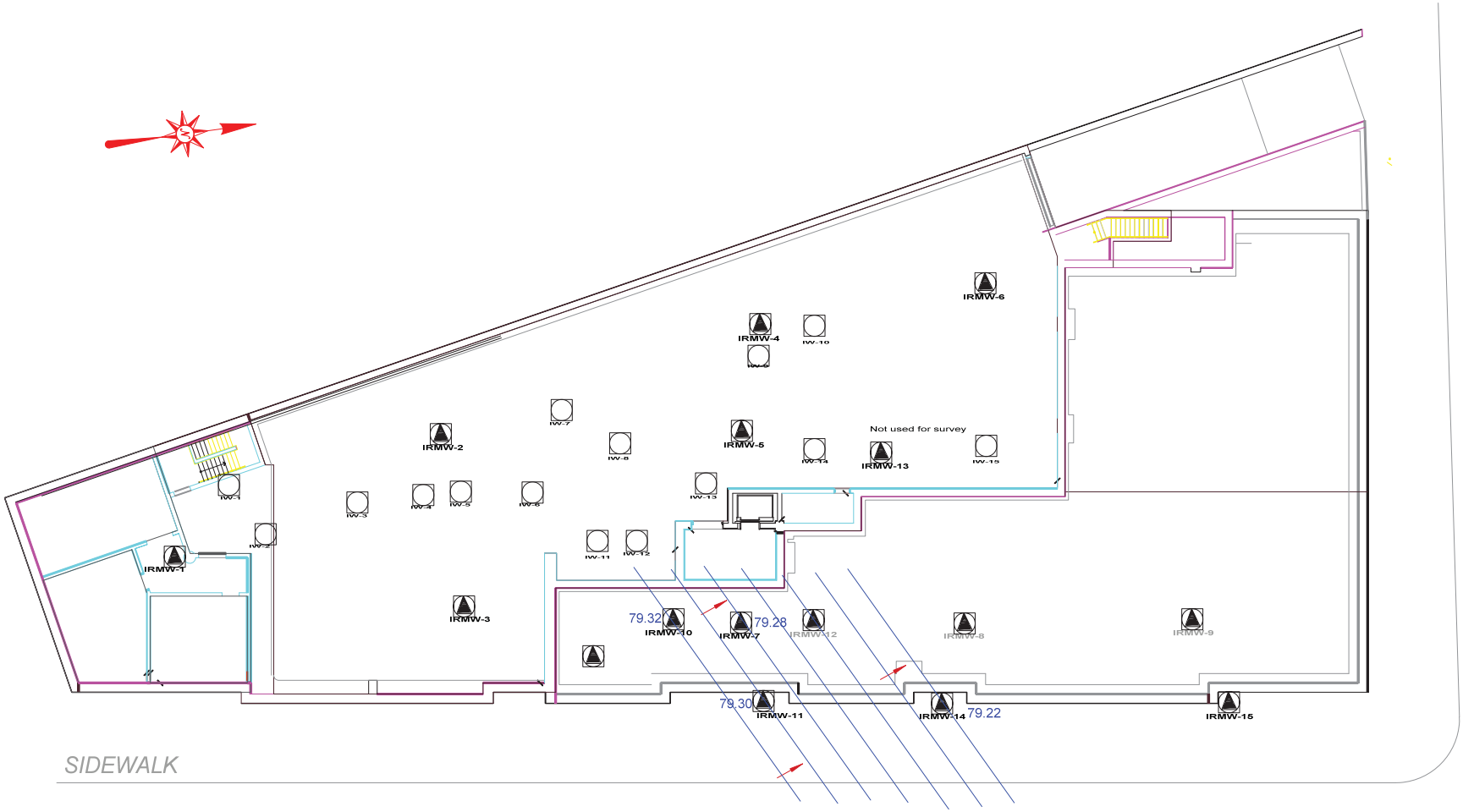
EBC

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:

IRMW-X Groundwater Monitoring Well

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

Groundwater Flow Direction

Scale:

0 15 30

1 inch = 30 feet

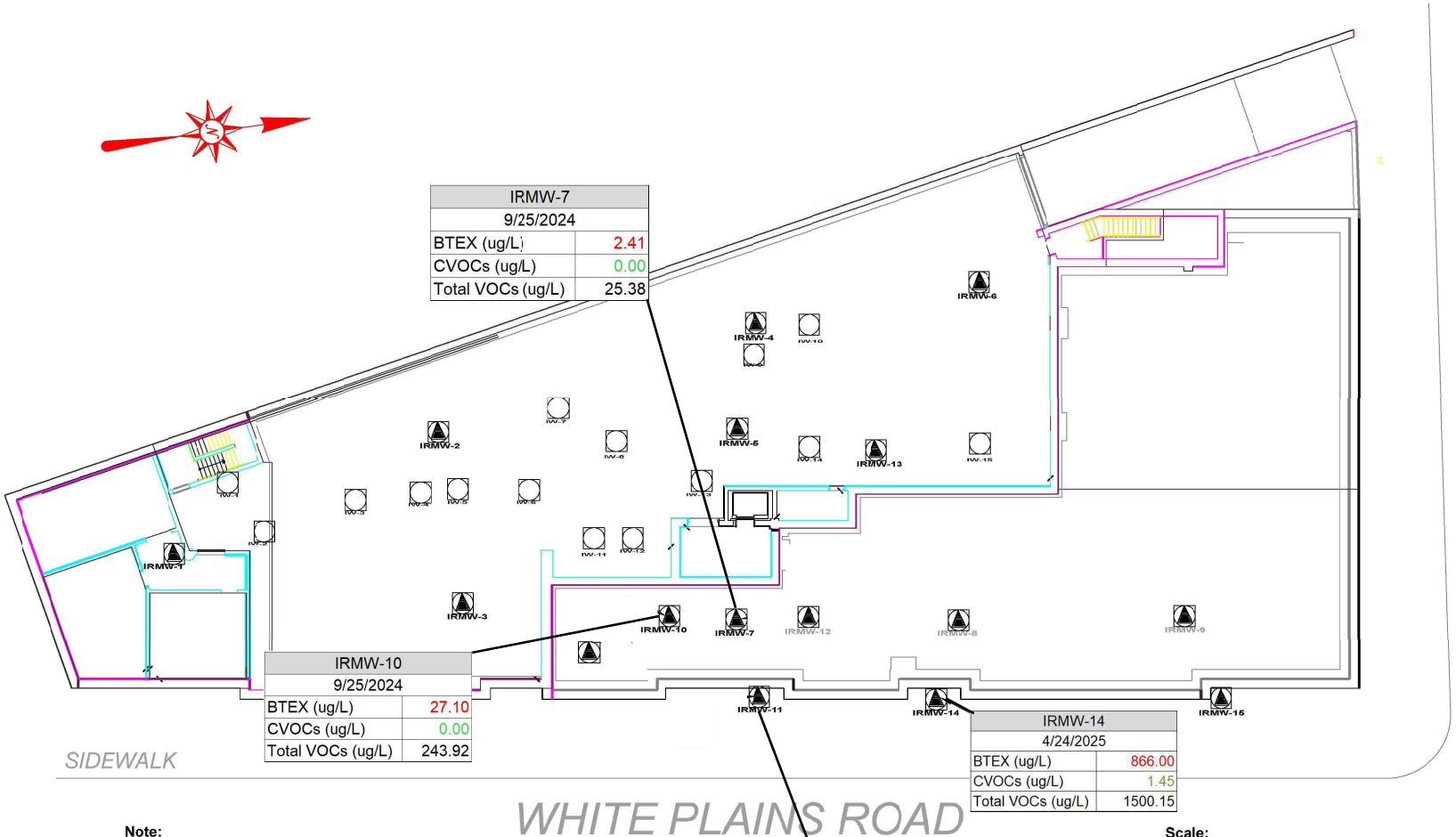
AMC Engineering PLLC
18-36 42nd Street
Astoria, NY 11105
O: 718.545.0474

Figure No. **2**

Site Name: Former Dico G Auto & Truck Repair

Site Address: 3035 White Plains Road, Bronx, NY

Drawing Title: Groundwater Contour Map - 3Q2024



IRMW-7	
9/25/2024	
BTEX (ug/L)	2.41
CVOCs (ug/L)	0.00
Total VOCs (ug/L)	25.38

IRMW-10	
9/25/2024	
BTEX (ug/L)	27.10
CVOCs (ug/L)	0.00
Total VOCs (ug/L)	243.92

IRMW-14	
4/24/2025	
BTEX (ug/L)	866.00
CVOCs (ug/L)	1.45
Total VOCs (ug/L)	1500.15

IRMW-11	
9/25/2024	
BTEX (ug/L)	3.03
CVOCs (ug/L)	0.00
Total VOCs (ug/L)	28.63

Note:

IRMW-x Groundwater Monitoring Well

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

xxx	BTEX Concentration (µg/L)
xxx	Total Chlorinatec 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**

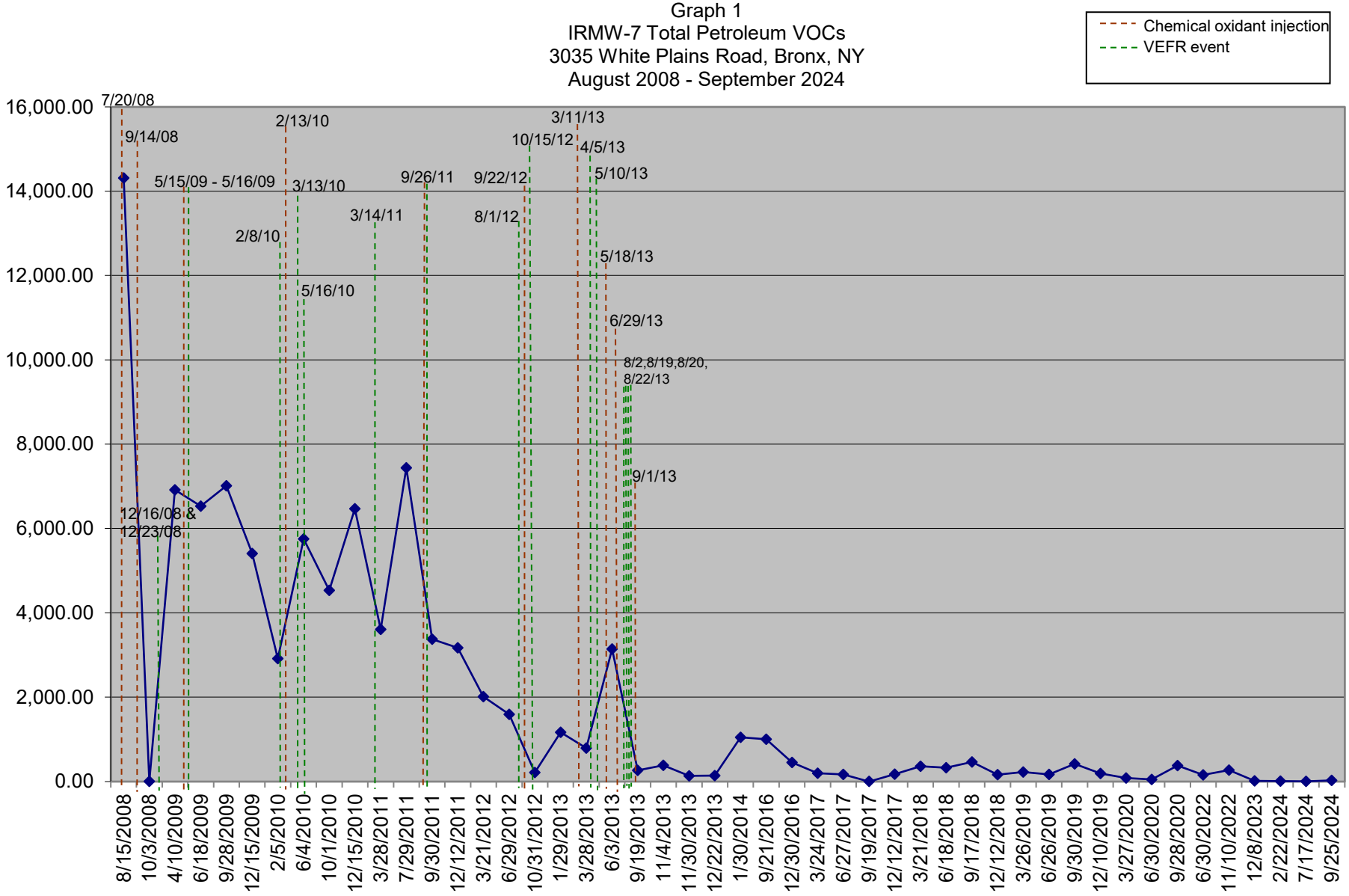
Site Name: Former Dico G Auto & Truck Repair

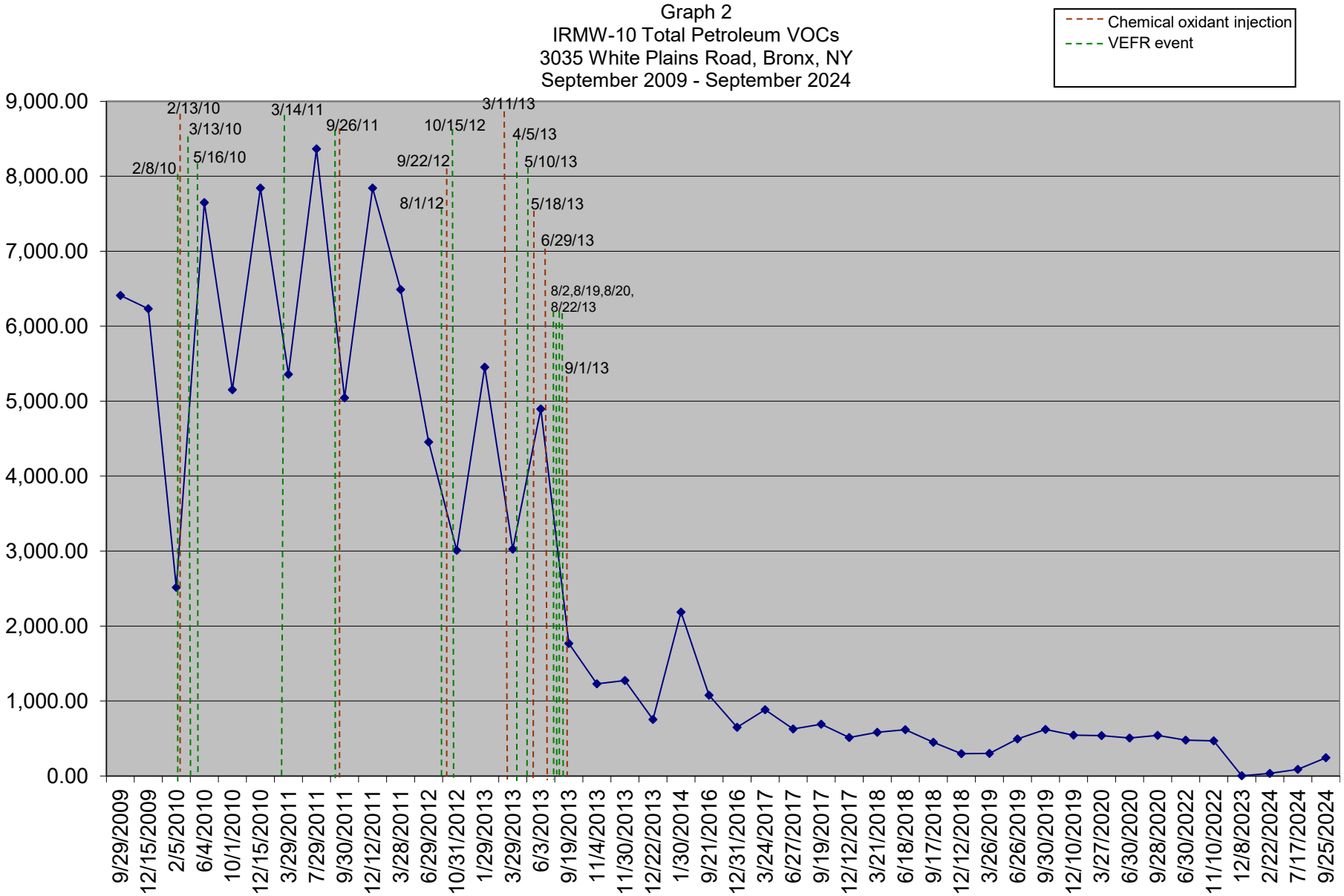
Site Address: 3035 White Plains Road, Bronx, NY

Drawing Title: Monitoring Well Sampling Results

GRAPHS

Graph 1
IRMW-7 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
August 2008 - September 2024




Graph 2
IRMW-10 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
September 2009 - September 2024
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
2/8/10
2/13/10
3/13/10
5/16/10
3/14/11
9/26/11
9/22/12
8/1/12
10/15/12
3/11/13
4/5/13
5/10/13
5/18/13
6/29/13
8/2,8/19,8/20,
8/22/13
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
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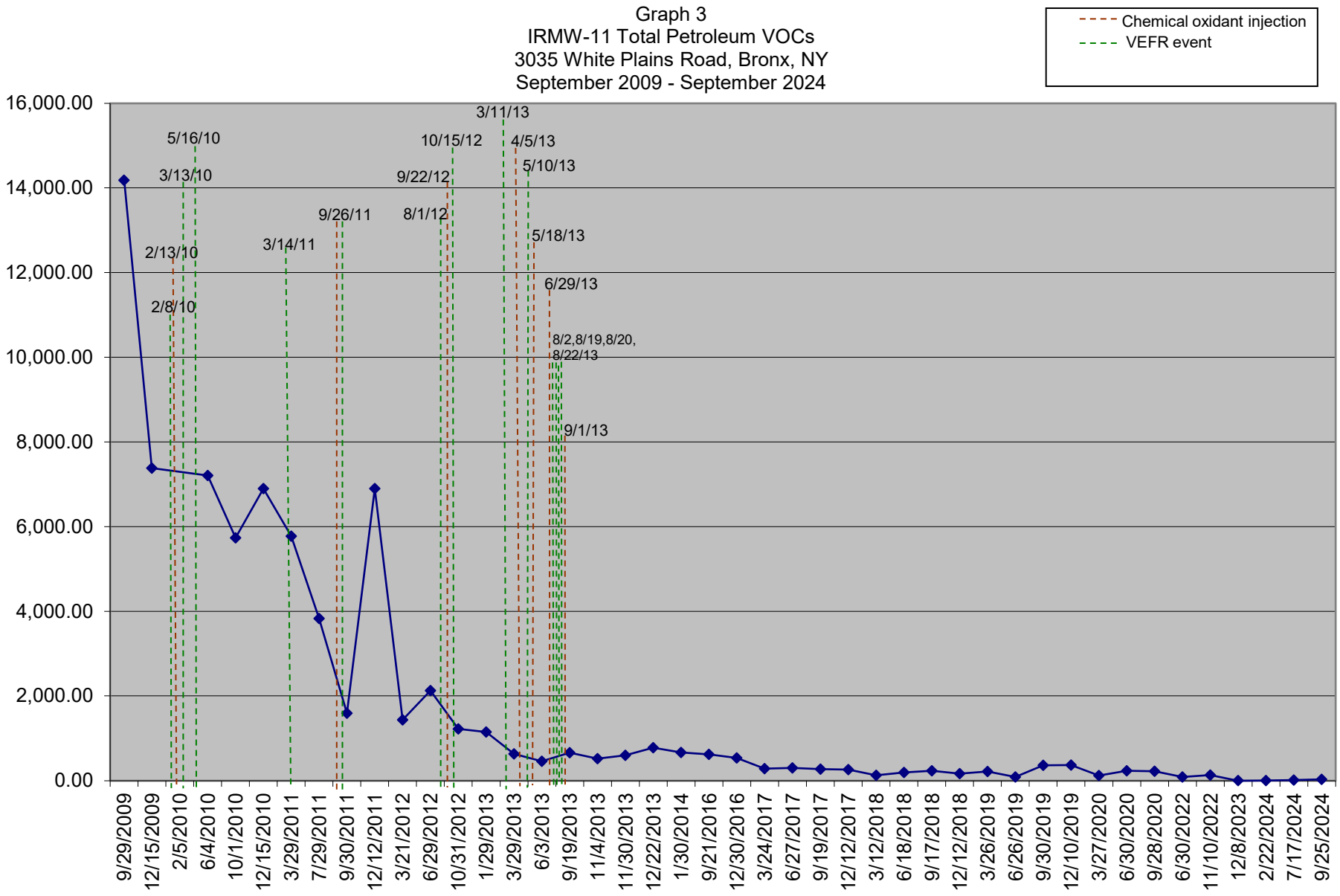
2/22/2024
7/17/2024
9/25/2024


Graph 3
IRMW-11 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
September 2009 - September 2024
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
9/22/12
8/1/12
10/15/12
3/11/13
4/5/13
5/10/13
5/18/13
6/29/13
8/2,8/19,8/20,
8/22/13
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
11/10/2022
12/8/2023
2/22/2024
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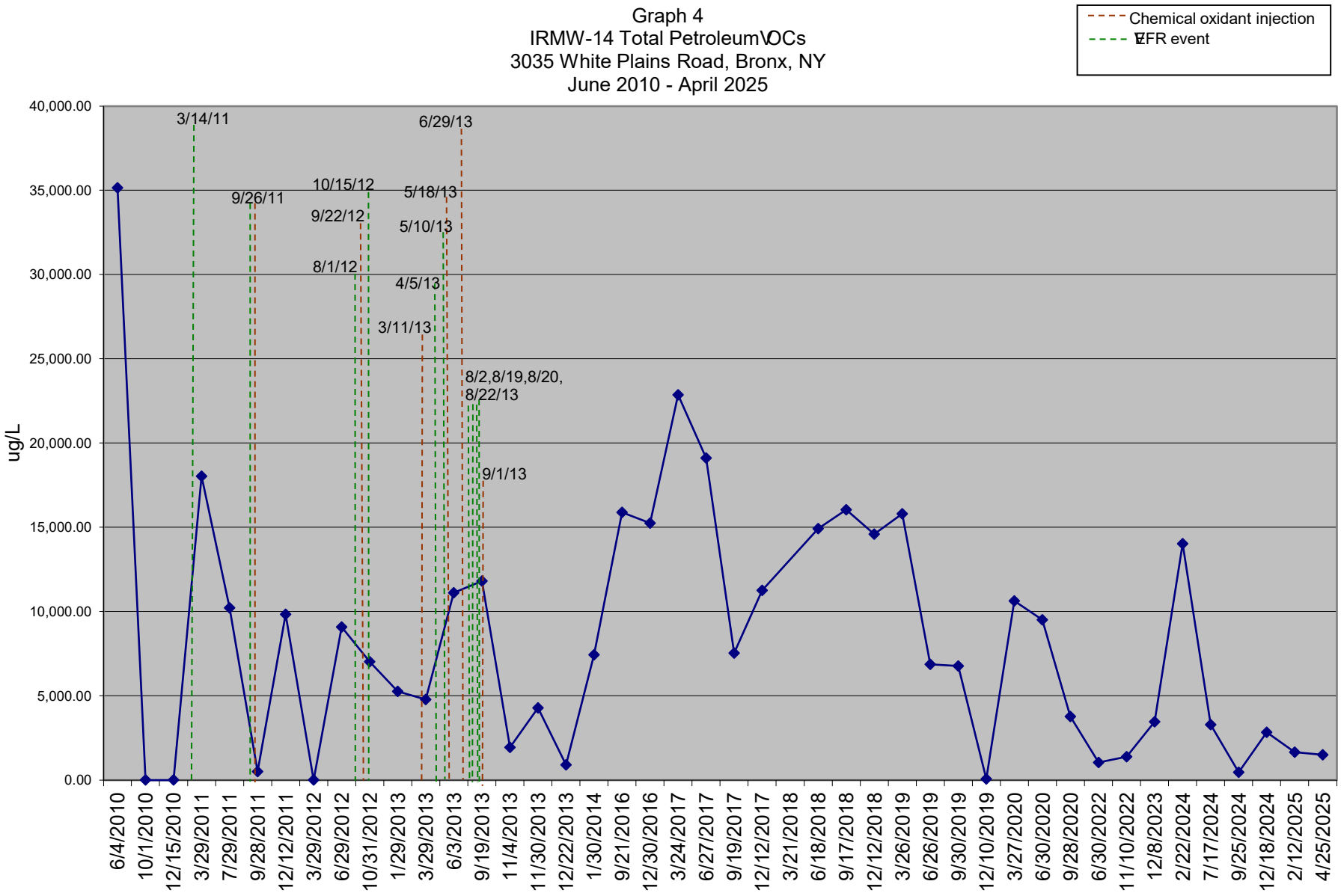
9/25/2024


Graph 4
IRMW-14 Total Petroleum VOCs
3035 White Plains Road, Bronx, NY
June 2010 - April 2025
Chemical oxidant injection
EFR event
ug/L
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
11/10/2022
12/8/2023
2/22/2024
7/17/2024
9/25/2024
12/18/2024
2/12/2025
4/25/2025

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: 9/25/2024

Well Depth (from TOC): 19.38

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 16.48

Height of Water in Well: 2.9

Gallons of Water per Well Volume: 0.48

Flow Rate: 250 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
1:40 PM	0.07 gal/min	0.07	8.46	0.77	20.13	2.08	207	85.7	0.493	N/A
1:45 PM	0.07 gal/min	0.3500	8.32	0.767	20.19	1.07	174	83	0.491	N/A
1:50 PM	0.07 gal/min	0.7000	8.24	0.762	20.26	0.86	140	73.9	0.488	N/A
1:55 PM	0.07 gal/min	1.0500	8.20	0.756	20.34	0.78	114	72.6	0.484	N/A
2:00 PM	0.07 gal/min	1.4000	8.19	0.752	20.37	0.78	96	69.6	0.481	N/A
2:05 PM	0.07 gal/min	1.7500	8.19	0.749	20.38	0.68	85	68.8	0.479	N/A

Note 250 ml = 0.07 gallons
Well was purged before noting of readings.

GROUNDWATER PURGE / SAMPLE LOGS

AMC Engineering PLLC

3035 White Plains Road, Bronx

Well I.D.: IRMW-10

Date: 9/25/2024

Well Depth (from TOC): 19.94

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 16.48

Height of Water in Well: 3.46

Gallons of Water per Well Volume: 0.58

Flow Rate: 250 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
2:25 PM	0.07 gal/min	0.07	8.29	0.747	20.76	5.26	208	90.4	0.478	N/A
2:30 PM	0.07 gal/min	0.3500	8.25	0.745	20.85	1.24	89	76.6	0.477	N/A
2:35 PM	0.07 gal/min	0.7000	8.31	0.746	20.94	0.71	-15	73.6	0.477	N/A
2:40 PM	0.07 gal/min	1.0500	8.36	0.748	21.01	0.58	-93	71.3	0.479	N/A
2:45 PM	0.07 gal/min	1.4000	8.38	0.748	21.03	0.56	-114	72.4	0.479	N/A

Note 250 ml = 0.07 gallons
Well was purged before noting of readings.

GROUNDWATER PURGE / SAMPLE LOGS

AMC Engineering PLLC

3035 White Plains Road, Bronx

Well I.D.: IRMW-11

Date: 9/25/2024

Well Depth (from TOC): 19.4

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 16.43

Height of Water in Well: 2.97

Gallons of Water per Well Volume: 0.50

Flow Rate: 250 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS (g/L)	Comments
12:35 PM	0.07 gal/min	0.07	8.82	0.894	20.2	2.03	182	99.3	0.572	N/A
12:40 PM	0.07 gal/min	0.3500	8.47	0.895	20.21	1.16	178	77.2	0.573	N/A
12:45 PM	0.07 gal/min	0.7000	8.41	0.891	20.25	0.92	161	70.7	0.570	N/A
12:50 PM	0.07 gal/min	1.0500	8.39	0.884	20.27	0.73	139	70.4	0.566	N/A
12:55 PM	0.07 gal/min	1.4000	8.39	0.878	20.25	0.67	117	68.9	0.562	N/A
1:00 PM	0.07 gal/min	1.7500	8.38	0.875	20.25	0.65	111	69.2	0.560	N/A

Note 250 ml = 0.07 gallons
Well was purged before noting of readings.

AMC Engineering PLLC

GROUNDWATER PURGE / SAMPLE LOGS

3035 White Plains Road, Bronx

Well I.D.: IRMW-14

Date: 4/24/2025

Well Depth (from TOC): 19.5

Equipment: Peristaltic pump, horiba

Static Water Level (from TOC): 15.37

Height of Water in Well: 4.13

Gallons of Water per Well Volume: 0.69

Flow Rate: 150 ml/min

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
12:40 PM	0.04 gal/min	0.2	8.8	1.06	19.64	29.13	167	209	0.681	N/A
12:45 PM	0.04 gal/min	0.4000	8.81	1.05	20.18	6.34	133	174	0.672	N/A
12:50 PM	0.04 gal/min	0.6000	8.76	0.978	20.49	5.62	91	158	0.626	N/A
12:55 PM	0.04 gal/min	0.8000	8.97	1.01	21.12	5.65	61	139	0.649	N/A
1:00 PM	0.04 gal/min	1.0000	9.04	1.02	21.41	5.72	56	140	0.655	N/A
1:05 PM	0.04 gal/min	1.2000	9.12	1.01	21.75	5.85	61	133	0.649	N/A
1:10 PM	0.04 gal/min	1.4000	9.16	1.01	21.86	5.93	68	127	0.647	N/A
1:15 PM	0.04 gal/min	1.6000	9.19	1.01	21.82	6.14	77	122	0.648	N/A
1:20 PM	0.04 gal/min	1.8000	9.21	1.01	21.72	6.15	85	115	0.647	N/A

Note 150 ml = 0.04 gallons
Well was purged before noting of readings.

APPENDIX B
LABORATORY REPORTS

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 13, 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.

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

July 13, 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

NY # 11301

Sample Id Cross Reference

July 13, 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 13, 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 %	

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 %
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 %

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 13, 2022
Reviewed and Released by: Rashmi Makol, 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 13, 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 %
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 %

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 13, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

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

Analysis Report

July 13, 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 %
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 %

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:

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Phyllis Shiller, Laboratory Director
July 13, 2022
Reviewed and Released by: Rashmi Makol, 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 13, 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 %	

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 %
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 %

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 13, 2022
Reviewed and Released by: Rashmi Makol, 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 13, 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 %
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 %

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.
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Phyllis Shiller, Laboratory Director
July 13, 2022
Reviewed and Released by: Rashmi Makol, 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 13, 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 %
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 %

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 13, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Wednesday, July 13, 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 13, 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

PHOENIX
Environmental Laboratories, Inc.

Monday, November 28, 2022

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

Project ID: 3035 WHITE PLAINS RD BX
SDG ID: GCM84450
Sample ID#s: CM84450 - CM84455

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

November 28, 2022

SDG I.D.: GCM84450

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

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

November 28, 2022

SDG I.D.: GCM84450

Project ID: 3035 WHITE PLAINS RD BX

Client Id	Lab Id	Matrix
IRMW-7	CM84450	GROUND WATER
IRMW-10	CM84451	GROUND WATER
IRMW-11	CM84452	GROUND WATER
IRMW-14	CM84453	GROUND WATER
DUPLICATE	CM84454	GROUND WATER
TRIP BLANK	CM84455	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

November 28, 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:		11/10/22	15:40
Location Code:	AMC-ENG	Received by:	CP	11/11/22	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCM84450
Phoenix ID: CM84450

Project ID: 3035 WHITE PLAINS RD BX
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	11/20/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.70	J	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3,5-Trimethylbenzene	0.36	J	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
2-Isopropyltoluene	5.0		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	

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

Phoenix I.D.: CM84450

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Benzene	4.7	0.70	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	B
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Ethylbenzene	2.8	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/20/22	MH	SW8260C	
Isopropylbenzene	51	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
m&p-Xylene	2.5	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	8.7	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/20/22	MH	SW8260C	
Naphthalene	3.2	1.0	1.0	ug/L	1	11/20/22	MH	SW8260C	
n-Butylbenzene	6.6	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
n-Propylbenzene	35	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
o-Xylene	1.9	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
sec-Butylbenzene	21	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
tert-Butylbenzene	1.8	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	1
Toluene	1.0	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/20/22	MH	70 - 130 %	
% Bromofluorobenzene	98			%	1	11/20/22	MH	70 - 130 %	
% Dibromofluoromethane	103			%	1	11/20/22	MH	70 - 130 %	

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

Phoenix I.D.: CM84450

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100			%	1	11/20/22	MH	70 - 130 %	
Tert-butyl alcohol	120	50	10	ug/L	1	11/20/22	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.57	0.57	ug/l	1	11/16/22	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	77			%	1	11/16/22	AW	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					11/16/22	G/G		

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.
B = Present in blank, no bias suspected.

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
November 28, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

November 28, 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:		11/10/22	15:30
Location Code:	AMC-ENG	Received by:	CP	11/11/22	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCM84450
Phoenix ID: CM84451

Project ID: 3035 WHITE PLAINS RD BX
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	11/20/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,1-Dichloroethane	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,1-Dichloroethene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,1-Dichloropropene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,2,4-Trimethylbenzene	0.59	J	2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.0	1.0	ug/L	2	11/20/22	MH	SW8260C	
1,2-Dibromoethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,2-Dichloroethane	ND		1.2	1.0	ug/L	2	11/20/22	MH	SW8260C	
1,2-Dichloropropane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,3-Dichloropropane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
2,2-Dichloropropane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
2-Chlorotoluene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
2-Hexanone	ND		5.0	5.0	ug/L	2	11/20/22	MH	SW8260C	
2-Isopropyltoluene	6.3		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	1
4-Chlorotoluene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		5.0	5.0	ug/L	2	11/20/22	MH	SW8260C	

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

Phoenix I.D.: CM84451

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		10	5.0	ug/L	2	11/20/22	MH	SW8260C	
Acrolein	ND		10	5.0	ug/L	2	11/20/22	MH	SW8260C	
Acrylonitrile	ND		10	5.0	ug/L	2	11/20/22	MH	SW8260C	
Benzene	11		1.4	0.50	ug/L	2	11/20/22	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
Bromomethane	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
Carbon Disulfide	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	B
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Chlorobenzene	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
Chloroethane	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
Chloroform	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
Chloromethane	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.80	0.50	ug/L	2	11/20/22	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Ethylbenzene	7.2		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Hexachlorobutadiene	ND		1.0	0.40	ug/L	2	11/20/22	MH	SW8260C	
Isopropylbenzene	75		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
m&p-Xylene	2.2		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	11/20/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	10		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Methylene chloride	ND		6.0	2.0	ug/L	2	11/20/22	MH	SW8260C	
Naphthalene	28		2.0	2.0	ug/L	2	11/20/22	MH	SW8260C	
n-Butylbenzene	24		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
n-Propylbenzene	150		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
o-Xylene	0.99	J	2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
p-Isopropyltoluene	3.4		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
sec-Butylbenzene	26		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
tert-Butylbenzene	2.2		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	11/20/22	MH	SW8260C	1
Toluene	1.6	J	2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		10	0.50	ug/L	2	11/20/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.80	0.50	ug/L	2	11/20/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	11/20/22	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	11/20/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (2x)	98				%	2	11/20/22	MH	70 - 130 %	
% Bromofluorobenzene (2x)	98				%	2	11/20/22	MH	70 - 130 %	
% Dibromofluoromethane (2x)	101				%	2	11/20/22	MH	70 - 130 %	

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

Phoenix I.D.: CM84451

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8 (2x)	99			%	2	11/20/22	MH	70 - 130 %	
Tert-butyl alcohol	120	100	20	ug/L	2	11/20/22	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.57	0.57	ug/l	1	11/16/22	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	74			%	1	11/16/22	AW	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					11/16/22	G/G		

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.
B = Present in blank, no bias suspected.

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.

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
November 28, 2022
Reviewed and Released by: Rashmi Makol, 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

November 28, 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:		11/10/22	14:00
Location Code:	AMC-ENG	Received by:	CP	11/11/22	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCM84450
Phoenix ID: CM84452

Project ID: 3035 WHITE PLAINS RD BX
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	11/20/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
2-Isopropyltoluene	4.6	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	

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

Phoenix I.D.: CM84452

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Benzene	1.8		0.70	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	B
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Ethylbenzene	0.25	J	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/20/22	MH	SW8260C	
Isopropylbenzene	6.2		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
m&p-Xylene	0.53	J	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	8.1		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/20/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	11/20/22	MH	SW8260C	
n-Butylbenzene	1.5		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
n-Propylbenzene	2.1		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
sec-Butylbenzene	8.2		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
tert-Butylbenzene	1.7		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	11/20/22	MH	70 - 130 %	
% Bromofluorobenzene	98				%	1	11/20/22	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	11/20/22	MH	70 - 130 %	

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

Phoenix I.D.: CM84452

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	99			%	1	11/20/22	MH	70 - 130 %	
Tert-butyl alcohol	98	50	10	ug/L	1	11/20/22	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.57	0.57	ug/l	1	11/16/22	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	74			%	1	11/16/22	AW	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					11/16/22	G/G		

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.
B = Present in blank, no bias suspected.

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
November 28, 2022
Reviewed and Released by: Rashmi Makol, 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

November 28, 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:		11/10/22	14:30
Location Code:	AMC-ENG	Received by:	CP	11/11/22	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCM84450
Phoenix ID: CM84453

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

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	11/15/22	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,4-Trimethylbenzene	380		20	5.0	ug/L	20	11/20/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,3,5-Trimethylbenzene	57		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	
2-Isopropyltoluene	0.30	J	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	

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

Phoenix I.D.: CM84453

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	12	S	5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	
Benzene	17		0.70	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	B
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/15/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Ethylbenzene	140		20	5.0	ug/L	20	11/20/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/15/22	MH	SW8260C	
Isopropylbenzene	7.7		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
m&p-Xylene	390		20	5.0	ug/L	20	11/20/22	MH	SW8260C	
Methyl ethyl ketone	4.5		2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	15		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/15/22	MH	SW8260C	
Naphthalene	170		20	20	ug/L	20	11/20/22	MH	SW8260C	
n-Butylbenzene	2.0		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
n-Propylbenzene	22		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
o-Xylene	100		20	5.0	ug/L	20	11/20/22	MH	SW8260C	
p-Isopropyltoluene	0.83	J	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	1
Toluene	57		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/15/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	11/15/22	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	11/15/22	MH	70 - 130 %	
% Dibromofluoromethane	108				%	1	11/15/22	MH	70 - 130 %	

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

Phoenix I.D.: CM84453

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	98			%	1	11/15/22	MH	70 - 130 %	
% 1,2-dichlorobenzene-d4 (20x)	99			%	20	11/20/22	MH	70 - 130 %	
% Bromofluorobenzene (20x)	98			%	20	11/20/22	MH	70 - 130 %	
% Dibromofluoromethane (20x)	98			%	20	11/20/22	MH	70 - 130 %	
% Toluene-d8 (20x)	100			%	20	11/20/22	MH	70 - 130 %	
Tert-butyl alcohol	ND	50	10	ug/L	1	11/15/22	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.57	0.57	ug/l	1	11/16/22	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	80			%	1	11/16/22	AW	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					11/16/22	G/G		

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.
B = Present in blank, no bias suspected.

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:

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
November 28, 2022
Reviewed and Released by: Rashmi Makol, 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

November 28, 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:		11/10/22	14:00
Location Code:	AMC-ENG	Received by:	CP	11/11/22	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCM84450
Phoenix ID: CM84454

Project ID: 3035 WHITE PLAINS RD BX
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	11/20/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/20/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
2-Isopropyltoluene	4.6	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	

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

Phoenix I.D.: CM84454

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	
Benzene	1.6		0.70	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	B
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	11/20/22	MH	SW8260C	
Isopropylbenzene	5.1		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
m&p-Xylene	0.58	J	1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	9.4		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/20/22	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	11/20/22	MH	SW8260C	
n-Butylbenzene	1.4		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
n-Propylbenzene	1.5		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
sec-Butylbenzene	6.7		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
tert-Butylbenzene	1.7		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	11/20/22	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/20/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	11/20/22	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/20/22	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	11/20/22	MH	70 - 130 %	
% Bromofluorobenzene	99				%	1	11/20/22	MH	70 - 130 %	
% Dibromofluoromethane	102				%	1	11/20/22	MH	70 - 130 %	

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

Phoenix I.D.: CM84454

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	98			%	1	11/20/22	MH	70 - 130 %	
Tert-butyl alcohol	110	50	10	ug/L	1	11/20/22	MH	SW8260C	
1,4-dioxane									
1,4-dioxane	ND	0.57	0.57	ug/l	1	11/18/22	AW	SW8270DSIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	74			%	1	11/18/22	AW	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					11/17/22	G/G		

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.
B = Present in blank, no bias suspected.

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
November 28, 2022
Reviewed and Released by: Rashmi Makol, 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

November 28, 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:		11/10/22	
Location Code:	AMC-ENG	Received by:	CP	11/11/22	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCM84450
Phoenix ID: CM84455

Project ID: 3035 WHITE PLAINS RD BX
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	11/15/22	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/15/22	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	

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

Phoenix I.D.: CM84455

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/15/22	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	11/15/22	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/15/22	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	11/15/22	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	11/15/22	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/15/22	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	11/15/22	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/15/22	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	11/15/22	MH	70 - 130 %	
% Bromofluorobenzene	96			%	1	11/15/22	MH	70 - 130 %	
% Dibromofluoromethane	91			%	1	11/15/22	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD BX

Client ID: TRIP BLANK

Phoenix I.D.: CM84455

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	11/15/22	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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.

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

November 28, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Monday, November 28, 2022

Criteria: NY: 375GWP, DEP EFF

State: NY

Sample Criteria Exceedances Report

GCM84450 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM84451	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	28	2.0	19	19	ug/L
CM84453	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	57	1.0	28	28	ug/L
CM84453	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	100	20	74	74	ug/L
CM84453	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	170	20	19	19	ug/L
CM84453	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	390	20	74	74	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

November 28, 2022

SDG I.D.: GCM84450

The samples in this delivery group were received at 2.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

wcp

Temp 27 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

Data Delivery:
☐ Fax #:
☑ Emai ARIEL@AMC-ENGINEERING.COM

Customer:	AMC ENGINEERING PLLC	Project:	3035 White Plains Road, Bx	Project P.O:	
Address:	18-36 42nd Street	Report to:	ARIEL CZEMERINSKI	Phone #:	718 545-0474
	Astoria NY 11105	Invoice to:	AMC ENGINEERING PLLC	Fax #:	516 706-3214

Client Sample - Information - Identification

Sampler's Signature: Angela Dellico Date: 11/10/2022

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs (8260)**	1,4-Dioxane**	Tert-Butyl Alcohol**	+	+	+	+	+	+	+	+	+	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml			
84450	IRMW-7	GW	11/10/2022	3:40PM	X	X	X													3							
84451	IRMW-10	GW	11/10/2022	3:30PM	X	X	X													3							
84452	IRMW-11	GW	11/10/2022	2:00PM	X	X	X													3							
84453	IRMW-14	GW	11/10/2022	2:30PM	X	X	X													3							
84454	Duplicate	GW	11/10/2022	2:00PM	X	X	X													3							
84455	Trip Blank	GW			X															2							

Relinquished by:	Accepted by:	Date:	Time:
Angela Dellico	[signature]	11/11/22	1304
[signature]	Emily S	11/11/22	1700

Comments, Special Requirements or Regulations:
Bags labeled VOA vials not labeled

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ NY 375 GWP
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

PHOENIX
Environmental Laboratories, Inc.

Thursday, December 21, 2023

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

Project ID: 3035 WHITE PLAINS ROAD BX
SDG ID: GCP64809
Sample ID#s: CP64809 - CP64813

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

December 21, 2023

SDG I.D.: GCP64809

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

December 21, 2023

SDG I.D.: GCP64809

Project ID: 3035 WHITE PLAINS ROAD BX

Client Id	Lab Id	Matrix
IRMW-7	CP64809	GROUND WATER
IRMW-10	CP64810	GROUND WATER
IRMW-11	CP64811	GROUND WATER
IRMW-14	CP64812	GROUND WATER
DUPLICATE	CP64813	GROUND WATER

PHOENIX
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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

December 21, 2023

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:		12/08/23	12:00
Location Code:	AMC-ENG	Received by:	B	12/11/23	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP64809
Phoenix ID: CP64809

Project ID: 3035 WHITE PLAINS ROAD BX
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	12/13/23	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trimethylbenzene	2.6		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
2-Isopropyltoluene	0.45	J	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-7

Phoenix I.D.: CP64809

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Ethylbenzene	1.7		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/13/23	MH	SW8260D	
Isopropylbenzene	2.7		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
m&p-Xylene	0.35	J	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	0.82	J	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
n-Butylbenzene	1.2		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
n-Propylbenzene	4.0		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
sec-Butylbenzene	1.6		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	12/13/23	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	12/13/23	MH	70 - 130 %	
% Dibromofluoromethane	98				%	1	12/13/23	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-7

Phoenix I.D.: CP64809

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	12/13/23	MH	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	2.6	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Butylbenzene	1.2	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Propylbenzene	4.0	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
sec-Butylbenzene	1.6	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	12/13/23	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	12/13/23	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	12/13/23	MH	70 - 130 %
% Toluene-d8	95			%	1	12/13/23	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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
December 21, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

December 21, 2023

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:		12/08/23	13:20
Location Code:	AMC-ENG	Received by:	B	12/11/23	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP64809
Phoenix ID: CP64810

Project ID: 3035 WHITE PLAINS ROAD BX
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	12/13/23	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
2-Isopropyltoluene	0.53	J	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-10

Phoenix I.D.: CP64810

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/13/23	MH	SW8260D	B
Isopropylbenzene	1.8		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	0.44	J	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
n-Propylbenzene	0.48	J	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
sec-Butylbenzene	1.8		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	12/13/23	MH	70 - 130 %	
% Bromofluorobenzene	92				%	1	12/13/23	MH	70 - 130 %	
% Dibromofluoromethane	90				%	1	12/13/23	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-10

Phoenix I.D.: CP64810

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	91			%	1	12/13/23	MH	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Propylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
sec-Butylbenzene	1.8	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	12/13/23	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	12/13/23	MH	70 - 130 %
% Dibromofluoromethane	90			%	1	12/13/23	MH	70 - 130 %
% Toluene-d8	91			%	1	12/13/23	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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

Comments:

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
December 21, 2023
Reviewed and Released by: Rashmi Makol, 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

December 21, 2023

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:		12/08/23	10:35
Location Code:	AMC-ENG	Received by:	B	12/11/23	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP64809
Phoenix ID: CP64811

Project ID: 3035 WHITE PLAINS ROAD BX
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	12/13/23	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-11

Phoenix I.D.: CP64811

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Benzene	ND	0.70	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromomethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/13/23	MH	SW8260D	B
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
Naphthalene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	1
Toluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	12/13/23	MH	70 - 130 %	
% Bromofluorobenzene	92			%	1	12/13/23	MH	70 - 130 %	
% Dibromofluoromethane	91			%	1	12/13/23	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-11

Phoenix I.D.: CP64811

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	1	12/13/23	MH	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Propylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
p-Isopropyltoluene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
sec-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	12/13/23	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	12/13/23	MH	70 - 130 %
% Dibromofluoromethane	91			%	1	12/13/23	MH	70 - 130 %
% Toluene-d8	92			%	1	12/13/23	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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:
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
December 21, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 21, 2023

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:		12/08/23	9:20
Location Code:	AMC-ENG	Received by:	B	12/11/23	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP64809
Phoenix ID: CP64812

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					12/14/23			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trimethylbenzene	1200	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3,5-Trimethylbenzene	140	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
2-Isopropyltoluene	5.6	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-14

Phoenix I.D.: CP64812

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acetone	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Benzene	32	0.70	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromomethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Ethylbenzene	440	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/13/23	MH	SW8260D	B
Isopropylbenzene	81	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
m&p-Xylene	750	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	2.3	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
Naphthalene	190	20	20	ug/L	20	12/15/23	MH	SW8260D	
n-Butylbenzene	28	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
n-Propylbenzene	150	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
o-Xylene	210	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
p-Isopropyltoluene	12	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
sec-Butylbenzene	19	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	1
Toluene	200	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	93			%	1	12/13/23	MH	70 - 130 %	
% Bromofluorobenzene	95			%	1	12/13/23	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: IRMW-14

Phoenix I.D.: CP64812

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	93			%	1	12/13/23	MH	70 - 130 %
% Toluene-d8	93			%	1	12/13/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	98			%	20	12/15/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	93			%	20	12/15/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	89			%	20	12/15/23	MH	70 - 130 %
% Toluene-d8 (20x)	92			%	20	12/15/23	MH	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	1200	20	20	ug/L	20	12/15/23	MH	SW8260D
1,3,5-Trimethylbenzene	140	20	20	ug/L	20	12/15/23	MH	SW8260D
n-Butylbenzene	28	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Propylbenzene	150	20	20	ug/L	20	12/15/23	MH	SW8260D
p-Isopropyltoluene	12	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
sec-Butylbenzene	19	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	12/13/23	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	12/13/23	MH	70 - 130 %
% Dibromofluoromethane	93			%	1	12/13/23	MH	70 - 130 %
% Toluene-d8	93			%	1	12/13/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	98			%	20	12/15/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	93			%	20	12/15/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	89			%	20	12/15/23	MH	70 - 130 %
% Toluene-d8 (20x)	92			%	20	12/15/23	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
December 21, 2023
Reviewed and Released by: Rashmi Makol, 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

December 21, 2023

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:		12/08/23	9:15
Location Code:	AMC-ENG	Received by:	B	12/11/23	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP64809
Phoenix ID: CP64813

Project ID: 3035 WHITE PLAINS ROAD BX
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	12/13/23	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2,4-Trimethylbenzene	1200	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/13/23	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3,5-Trimethylbenzene	130	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
2-Isopropyltoluene	3.0	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: DUPLICATE

Phoenix I.D.: CP64813

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	
Benzene	28	0.70	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Bromomethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Ethylbenzene	430	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/13/23	MH	SW8260D	B
Isopropylbenzene	55	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
m&p-Xylene	740	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	2.2	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	12/13/23	MH	SW8260D	
Naphthalene	190	20	20	ug/L	20	12/15/23	MH	SW8260D	
n-Butylbenzene	13	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
n-Propylbenzene	150	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
o-Xylene	200	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
p-Isopropyltoluene	6.2	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
sec-Butylbenzene	11	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/13/23	MH	SW8260D	1
Toluene	190	20	5.0	ug/L	20	12/15/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/13/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/13/23	MH	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/13/23	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	93			%	1	12/13/23	MH	70 - 130 %	
% Bromofluorobenzene	93			%	1	12/13/23	MH	70 - 130 %	
% Dibromofluoromethane	89			%	1	12/13/23	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD BX
Client ID: DUPLICATE

Phoenix I.D.: CP64813

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	93			%	1	12/13/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	99			%	20	12/15/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	93			%	20	12/15/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	89			%	20	12/15/23	MH	70 - 130 %
% Toluene-d8 (20x)	91			%	20	12/15/23	MH	70 - 130 %
Volatiles								
1,2,4-Trimethylbenzene	1200	20	20	ug/L	20	12/15/23	MH	SW8260D
1,3,5-Trimethylbenzene	130	20	20	ug/L	20	12/15/23	MH	SW8260D
n-Butylbenzene	13	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
n-Propylbenzene	150	20	20	ug/L	20	12/15/23	MH	SW8260D
p-Isopropyltoluene	6.2	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
sec-Butylbenzene	11	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
tert-Butylbenzene	ND	1.0	1.0	ug/L	1	12/13/23	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	12/13/23	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	12/13/23	MH	70 - 130 %
% Dibromofluoromethane	89			%	1	12/13/23	MH	70 - 130 %
% Toluene-d8	93			%	1	12/13/23	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	99			%	20	12/15/23	MH	70 - 130 %
% Bromofluorobenzene (20x)	93			%	20	12/15/23	MH	70 - 130 %
% Dibromofluoromethane (20x)	89			%	20	12/15/23	MH	70 - 130 %
% Toluene-d8 (20x)	91			%	20	12/15/23	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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:
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
December 21, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

Thursday, December 21, 2023

Criteria: NY: DEP EFF, GW

State: NY

Sample Criteria Exceedances Report

GCP64809 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP64809	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP64809	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP64809	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP64810	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP64810	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP64810	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP64811	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP64811	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP64811	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP64812	$8260DP25R	Ethylbenzene	NY / DEP / Effluent to Sewer Limits	440	20	142	142	ug/L
CP64812	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	750	20	74	74	ug/L
CP64812	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	200	20	28	28	ug/L
CP64812	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	210	20	74	74	ug/L
CP64812	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	190	20	19	19	ug/L
CP64812	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	190	20	10	10	ug/L
CP64812	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	210	20	5	5	ug/L
CP64812	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	190	20	5	5	ug/L
CP64812	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	200	20	5	5	ug/L
CP64812	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	32	0.70	0.7	0.7	ug/L
CP64812	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	440	20	5	5	ug/L
CP64812	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	28	1.0	5	5	ug/L
CP64812	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP64812	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	1200	20	5	5	ug/L
CP64812	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP64812	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	19	1.0	5	5	ug/L
CP64812	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
CP64812	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	210	20	5	5	ug/L
CP64812	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP64812	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	440	20	5	5	ug/L
CP64812	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	150	20	5	5	ug/L
CP64812	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	190	20	10	10	ug/L
CP64812	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	5.6	1.0	5	5	ug/L
CP64812	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	32	0.70	1	1	ug/L
CP64812	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	200	20	5	5	ug/L
CP64812	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	81	1.0	5	5	ug/L
CP64812	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	140	20	5	5	ug/L
CP64812	$NYADDWM	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	140	20	5	5	ug/L
CP64812	$NYADDWM	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	28	1.0	5	5	ug/L
CP64812	$NYADDWM	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	150	20	5	5	ug/L
CP64812	$NYADDWM	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L

Thursday, December 21, 2023

Criteria: NY: DEP EFF, GW

State: NY

Sample Criteria Exceedances Report

GCP64809 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP64812	$NYADDWM	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	19	1.0	5	5	ug/L
CP64812	$NYADDWM	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	1200	20	5	5	ug/L
CP64813	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	190	20	19	19	ug/L
CP64813	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	190	20	28	28	ug/L
CP64813	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	200	20	74	74	ug/L
CP64813	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	740	20	74	74	ug/L
CP64813	$8260DP25R	Ethylbenzene	NY / DEP / Effluent to Sewer Limits	430	20	142	142	ug/L
CP64813	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	190	20	10	10	ug/L
CP64813	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	200	20	5	5	ug/L
CP64813	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	28	0.70	0.7	0.7	ug/L
CP64813	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	430	20	5	5	ug/L
CP64813	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	190	20	5	5	ug/L
CP64813	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	190	20	5	5	ug/L
CP64813	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	190	20	5	5	ug/L
CP64813	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP64813	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CP64813	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.2	1.0	5	5	ug/L
CP64813	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	1200	20	5	5	ug/L
CP64813	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	28	0.70	1	1	ug/L
CP64813	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	150	20	5	5	ug/L
CP64813	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
CP64813	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	190	20	10	10	ug/L
CP64813	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP64813	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP64813	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	130	20	5	5	ug/L
CP64813	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	55	1.0	5	5	ug/L
CP64813	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	430	20	5	5	ug/L
CP64813	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	200	20	5	5	ug/L
CP64813	$NYADDWM	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CP64813	$NYADDWM	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	1200	20	5	5	ug/L
CP64813	$NYADDWM	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	130	20	5	5	ug/L
CP64813	$NYADDWM	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
CP64813	$NYADDWM	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	150	20	5	5	ug/L
CP64813	$NYADDWM	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.2	1.0	5	5	ug/L

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

NY Temperature Narration

December 21, 2023

SDG I.D.: GCP64809

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)

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Client Services (860) 645-8726

Temp 1.4 USEPK

Data Delivery:
☐ Fax #:
☑ Email ARIEL@AMC-ENGINEERING.COM

Customer:	AMC ENGINEERING PLLC	Project:	3035 White Plains Road, Bx	Project P.O:	
Address:	18-36 42nd Street	Report to:	ARIEL CZEMERINSKI	Phone #:	718 545-0474
	Astoria NY 11105	Invoice to:	AMC ENGINEERING PLLC	Fax #:	516 706-3214

Client Sample - Information - Identification

Sampler's Signature: Date: 12/8/2023

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs (8260)**	1,4-Dioxane**	Tert-Butyl Alcohol**	+	+	+	+	+	+	+	+	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml
604809	IRMW-7	GW	12/8/2023	12:00 PM		X														3				
604810	IRMW-10	GW	12/8/2023	1:20 PM		X														3				
604811	IRMW-11	GW	12/8/2023	10:35 AM		X														3				
604812	IRMW-14	GW	12/8/2023	9:20 AM	X	X														9				
604813	Duplicate	GW	12/8/2023	9:15 AM		X														3				

Relinquished by:	Accepted by:	Date:	Time:
		12/11/23	1340
		12/11/23	16:40

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ NY 375 GWP
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

PHOENIX
Environmental Laboratories, Inc.

Monday, March 04, 2024

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

Project ID: 3035 WHITE PLAINS ROAD, BX
SDG ID: GCQ14662
Sample ID#s: CQ14662 - CQ14667

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

March 04, 2024

SDG I.D.: GCQ14662

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

March 04, 2024

SDG I.D.: GCQ14662

Project ID: 3035 WHITE PLAINS ROAD, BX

Client Id	Lab Id	Matrix
IRMW-7	CQ14662	GROUND WATER
IRMW-10	CQ14663	GROUND WATER
IRMW-11	CQ14664	GROUND WATER
IRMW-14	CQ14665	GROUND WATER
DUPLICATE	CQ14666	GROUND WATER
TRIP BLANK	CQ14667	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

March 04, 2024

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:		02/22/24	11:50
Location Code:	AMC-ENG	Received by:	CP	02/26/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCQ14662
Phoenix ID: CQ14662

Project ID: 3035 WHITE PLAINS ROAD, BX
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	02/27/24	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
2-Isopropyltoluene	0.41	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-7

Phoenix I.D.: CQ14662

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	2.5	JS	5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	B
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroform	0.26	J	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/27/24	MH	SW8260D	
Isopropylbenzene	2.1		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	0.52	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
n-Propylbenzene	1.4		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
sec-Butylbenzene	1.4		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	02/27/24	MH	70 - 130 %	
% Bromofluorobenzene	99				%	1	02/27/24	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	02/27/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-7

Phoenix I.D.: CQ14662

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	02/27/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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:

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
March 04, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 04, 2024

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:		02/22/24	13:00
Location Code:	AMC-ENG	Received by:	CP	02/26/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCQ14662
Phoenix ID: CQ14663

Project ID: 3035 WHITE PLAINS ROAD, BX
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	02/27/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
2-Isopropyltoluene	1.2	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-10

Phoenix I.D.: CQ14663

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Benzene	1.8		0.70	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	B
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Ethylbenzene	0.88	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/27/24	MH	SW8260D	
Isopropylbenzene	12		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
m&p-Xylene	0.58	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	1.7		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
Naphthalene	2.1		1.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
n-Butylbenzene	0.56	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
n-Propylbenzene	8.3		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
o-Xylene	0.29	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
sec-Butylbenzene	3.8		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
tert-Butylbenzene	0.44	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	1
Toluene	0.38	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	02/27/24	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	02/27/24	MH	70 - 130 %	
% Dibromofluoromethane	102				%	1	02/27/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: IRMW-10

Phoenix I.D.: CQ14663

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	02/27/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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

March 04, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 04, 2024

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:		02/22/24	10:40
Location Code:	AMC-ENG	Received by:	CP	02/26/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCQ14662
Phoenix ID: CQ14664

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-11

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed						02/27/24			
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trimethylbenzene	1.2		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3,5-Trimethylbenzene	0.28	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-11

Phoenix I.D.: CQ14664

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acetone	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	B
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/27/24	MH	SW8260D	
Isopropylbenzene	0.28	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	0.58	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
sec-Butylbenzene	0.51	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	02/27/24	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	02/27/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-11

Phoenix I.D.: CQ14664

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	100			%	1	02/27/24	MH	70 - 130 %
% Toluene-d8	98			%	1	02/27/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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
March 04, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

March 04, 2024

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:		02/22/24	9:30
Location Code:	AMC-ENG	Received by:	CP	02/26/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCQ14662
Phoenix ID: CQ14665

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,1,1-Trichloroethane	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,1,2-Trichloroethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,1-Dichloroethane	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,1-Dichloroethene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,1-Dichloropropene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,2,3-Trichloropropane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,2,4-Trimethylbenzene	2400		100	25	ug/L	100	02/28/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		20	10	ug/L	20	02/27/24	MH	SW8260D	
1,2-Dibromoethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,2-Dichlorobenzene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,2-Dichloroethane	ND		12	10	ug/L	20	02/27/24	MH	SW8260D	
1,2-Dichloropropane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,3,5-Trimethylbenzene	590		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,3-Dichlorobenzene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,3-Dichloropropane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
1,4-Dichlorobenzene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
2,2-Dichloropropane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
2-Chlorotoluene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
2-Hexanone	ND		50	50	ug/L	20	02/27/24	MH	SW8260D	
2-Isopropyltoluene	5.4	J	20	5.0	ug/L	20	02/27/24	MH	SW8260D	1
4-Chlorotoluene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
4-Methyl-2-pentanone	ND		50	50	ug/L	20	02/27/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CQ14665

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		100	50	ug/L	20	02/27/24	MH	SW8260D	
Acrolein	ND		100	50	ug/L	20	02/27/24	MH	SW8260D	
Acrylonitrile	ND		100	50	ug/L	20	02/27/24	MH	SW8260D	
Benzene	48		14	5.0	ug/L	20	02/27/24	MH	SW8260D	
Bromobenzene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Bromochloromethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Bromodichloromethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Bromoform	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
Bromomethane	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	B
Carbon Disulfide	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Carbon tetrachloride	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Chlorobenzene	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
Chloroethane	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
Chloroform	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
Chloromethane	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		8.0	5.0	ug/L	20	02/27/24	MH	SW8260D	
Dibromochloromethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Dibromomethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Dichlorodifluoromethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Ethylbenzene	1800		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Hexachlorobutadiene	ND		10	4.0	ug/L	20	02/27/24	MH	SW8260D	
Isopropylbenzene	130		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
m&p-Xylene	5500		100	25	ug/L	100	02/28/24	MH	SW8260D	
Methyl ethyl ketone	ND		50	50	ug/L	20	02/27/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Methylene chloride	ND		60	20	ug/L	20	02/27/24	MH	SW8260D	
Naphthalene	460		20	20	ug/L	20	02/27/24	MH	SW8260D	
n-Butylbenzene	32		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
n-Propylbenzene	330		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
o-Xylene	1700		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
p-Isopropyltoluene	10	J	20	5.0	ug/L	20	02/27/24	MH	SW8260D	
sec-Butylbenzene	21		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Styrene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
tert-Butylbenzene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Tetrachloroethene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		100	50	ug/L	20	02/27/24	MH	SW8260D	1
Toluene	1000		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		100	5.0	ug/L	20	02/27/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		8.0	5.0	ug/L	20	02/27/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		50	50	ug/L	20	02/27/24	MH	SW8260D	
Trichloroethene	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Trichlorofluoromethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
Vinyl chloride	ND		20	5.0	ug/L	20	02/27/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (20x)	97				%	20	02/27/24	MH	70 - 130 %	
% Bromofluorobenzene (20x)	99				%	20	02/27/24	MH	70 - 130 %	
% Dibromofluoromethane (20x)	104				%	20	02/27/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CQ14665

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	100			%	20	02/27/24	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	98			%	100	02/28/24	MH	70 - 130 %
% Bromofluorobenzene (100x)	96			%	100	02/28/24	MH	70 - 130 %
% Dibromofluoromethane (100x)	105			%	100	02/28/24	MH	70 - 130 %
% Toluene-d8 (100x)	98			%	100	02/28/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
March 04, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 04, 2024

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:		02/22/24	10:45
Location Code:	AMC-ENG	Received by:	CP	02/26/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCQ14662
Phoenix ID: CQ14666

Project ID: 3035 WHITE PLAINS ROAD, BX
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	02/27/24	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trimethylbenzene	0.97	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: DUPLICATE

Phoenix I.D.: CQ14666

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	B
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/27/24	MH	SW8260D	
Isopropylbenzene	0.31	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	0.56	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
sec-Butylbenzene	0.55	J	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	02/27/24	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	02/27/24	MH	70 - 130 %	
% Dibromofluoromethane	100				%	1	02/27/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: DUPLICATE

Phoenix I.D.: CQ14666

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	02/27/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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

March 04, 2024

Reviewed and Released by: Rashmi Makol, 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

March 04, 2024

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:		02/22/24	
Location Code:	AMC-ENG	Received by:	CP	02/26/24	16:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCQ14662
Phoenix ID: CQ14667

Project ID: 3035 WHITE PLAINS ROAD, BX
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	02/27/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/27/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: TRIP BLANK

Phoenix I.D.: CQ14667

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	
Benzene	ND	0.70	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Bromomethane	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	B
Carbon Disulfide	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Ethylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	02/27/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
m&p-Xylene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
Naphthalene	ND	1.0	1.0	ug/L	1	02/27/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	02/27/24	MH	SW8260D	1
Toluene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/27/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	02/27/24	MH	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	02/27/24	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	02/27/24	MH	70 - 130 %	
% Bromofluorobenzene	98			%	1	02/27/24	MH	70 - 130 %	
% Dibromofluoromethane	99			%	1	02/27/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: TRIP BLANK

Phoenix I.D.: CQ14667

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	02/27/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

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

Phyllis Shiller, Laboratory Director

March 04, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

Monday, March 04, 2024

Criteria: NY: 375GWP, DEP EFF

State: NY

Sample Criteria Exceedances Report

GCQ14662 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CQ14665	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	1000	20	28	28	ug/L
CQ14665	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	1700	20	74	74	ug/L
CQ14665	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	460	20	19	19	ug/L
CQ14665	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	5500	100	74	74	ug/L
CQ14665	$8260DP25R	Ethylbenzene	NY / DEP / Effluent to Sewer Limits	1800	20	142	142	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

March 04, 2024

SDG I.D.: GCQ14662

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

Client Services (860) 645-8726

Temp 1.6° Pg 1 of 1

Data Delivery: WCTRP
☐ Fax #:
☑ Email ARIEL@AMC-ENGINEERING.COM

Customer:	AMC ENGINEERING PLLC	Project:	3035 White Plains Road, Bx
Address:	18-36 42nd Street	Report to:	ARIEL CZEMERINSKI
	Astoria NY 11105	Invoice to:	AMC ENGINEERING PLLC

Project P.O:
Phone #: 718 545-0474
Fax #: 516 706-3214

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2/22/2024

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs (8260)**	1,4-Dioxane**	Tert-Butyl Alcohol**	+	+	+	+	+	+	+	+	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml				
146662	IRMW-7	GW	2/22/2024	11:50 AM		X														3								
146663	IRMW-10	GW	2/22/2024	1:00 PM		X														3								
146664	IRMW-11	GW	2/22/2024	10:40 AM	X	X														9								
146665	IRMW-14	GW	2/22/2024	9:30 AM		X														3								
146666	Duplicate	GW	2/22/2024	10:45 AM		X														3								
146667	Trip blank	GW	N/A	N/A		X														2								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/26/24	1300
[signature]	[signature]	2/26/24	16:10

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ NY 375 GWP
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

PHOENIX
Environmental Laboratories, Inc.

Thursday, July 25, 2024

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

Project ID: 3035 WHITE PLAINS ROAD, BX
SDG ID: GCR22107
Sample ID#s: CR22107 - CR22112

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

July 25, 2024

SDG I.D.: GCR22107

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

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

NY # 11301

Sample Id Cross Reference

July 25, 2024

SDG I.D.: GCR22107

Project ID: 3035 WHITE PLAINS ROAD, BX

Client Id	Lab Id	Matrix
IRMW-7	CR22107	GROUND WATER
IRMW-10	CR22108	GROUND WATER
IRMW-11	CR22109	GROUND WATER
IRMW-14	CR22110	GROUND WATER
DUPLICATE	CR22111	GROUND WATER
TRIP BLANK	CR22112	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 25, 2024

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:	AE	07/17/24	11:35
Location Code:	AMC-ENG	Received by:	SR1	07/18/24	17:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR22107
Phoenix ID: CR22107

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/19/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-7

Phoenix I.D.: CR22107

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/19/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	07/19/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/19/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/19/24	MH	SW8260D	
Isopropylbenzene	1.2	1.0	ug/L	1	07/19/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	2.0	1.0	ug/L	1	07/19/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
sec-Butylbenzene	1.2	1.0	ug/L	1	07/19/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/19/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/19/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	07/19/24	MH	70 - 130 %	
% Bromofluorobenzene	99		%	1	07/19/24	MH	70 - 130 %	
% Dibromofluoromethane	95		%	1	07/19/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-7

Phoenix I.D.: CR22107

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90		%	1	07/19/24	MH	70 - 130 %

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
July 25, 2024
Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 25, 2024

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:	AE	07/17/24	11:40
Location Code:	AMC-ENG	Received by:	SR1	07/18/24	17:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR22107
Phoenix ID: CR22108

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed				07/22/24			
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/20/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
2-Isopropyltoluene	3.1	1.0	ug/L	1	07/20/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-10

Phoenix I.D.: CR22108

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	07/20/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Benzene	4.7	0.70	ug/L	1	07/20/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Ethylbenzene	1.1	1.0	ug/L	1	07/20/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
Isopropylbenzene	28	1.0	ug/L	1	07/20/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	5.5	1.0	ug/L	1	07/20/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Naphthalene	4.6	1.0	ug/L	1	07/20/24	MH	SW8260D	
n-Butylbenzene	3.2	1.0	ug/L	1	07/20/24	MH	SW8260D	
n-Propylbenzene	28	1.0	ug/L	1	07/20/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
sec-Butylbenzene	9.4	1.0	ug/L	1	07/20/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
tert-Butylbenzene	1.0	1.0	ug/L	1	07/20/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/20/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96		%	1	07/20/24	MH	70 - 130 %	
% Bromofluorobenzene	102		%	1	07/20/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-10

Phoenix I.D.: CR22108

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	93		%	1	07/20/24	MH	70 - 130 %
% Toluene-d8	95		%	1	07/20/24	MH	70 - 130 %

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

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

Comments:

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
July 25, 2024
Reviewed and Released by: Anil Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 25, 2024

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:	AE	07/17/24	10:35
Location Code:	AMC-ENG	Received by:	SR1	07/18/24	17:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR22107
Phoenix ID: CR22109

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-11

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/20/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-11

Phoenix I.D.: CR22109

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/20/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Benzene	1.5	0.70	ug/L	1	07/20/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
Isopropylbenzene	2.0	1.0	ug/L	1	07/20/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	3.9	1.0	ug/L	1	07/20/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
sec-Butylbenzene	3.3	1.0	ug/L	1	07/20/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/20/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	07/20/24	MH	70 - 130 %	
% Bromofluorobenzene	100		%	1	07/20/24	MH	70 - 130 %	
% Dibromofluoromethane	96		%	1	07/20/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-11

Phoenix I.D.: CR22109

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	91		%	1	07/20/24	MH	70 - 130 %

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
July 25, 2024
Reviewed and Released by: Anil Makol, 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 25, 2024

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:	AE	07/17/24	10:30
Location Code:	AMC-ENG	Received by:	SR1	07/18/24	17:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR22107
Phoenix ID: CR22110

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/20/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2,4-Trimethylbenzene	640	50	ug/L	50	07/22/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/20/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3,5-Trimethylbenzene	150	10	ug/L	10	07/21/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
2-Isopropyltoluene	1.6	1.0	ug/L	1	07/20/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CR22110

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/20/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Benzene	10	0.70	ug/L	1	07/20/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	07/20/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Ethylbenzene	440	50	ug/L	50	07/22/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
Isopropylbenzene	28	1.0	ug/L	1	07/20/24	MH	SW8260D	
m&p-Xylene	1200	50	ug/L	50	07/22/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	5.1	1.0	ug/L	1	07/20/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Naphthalene	120	10	ug/L	10	07/21/24	MH	SW8260D	
n-Butylbenzene	5.4	1.0	ug/L	1	07/20/24	MH	SW8260D	
n-Propylbenzene	90	10	ug/L	10	07/21/24	MH	SW8260D	
o-Xylene	460	50	ug/L	50	07/22/24	MH	SW8260D	
p-Isopropyltoluene	2.6	1.0	ug/L	1	07/20/24	MH	SW8260D	
sec-Butylbenzene	6.1	1.0	ug/L	1	07/20/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/20/24	MH	SW8260D	1
Toluene	120	10	ug/L	10	07/21/24	MH	SW8260D	
Total Xylenes	1660	50	ug/L	50	07/22/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/20/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/20/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	07/20/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97		%	1	07/20/24	MH	70 - 130 %	
% Bromofluorobenzene	101		%	1	07/20/24	MH	70 - 130 %	
% Dibromofluoromethane	96		%	1	07/20/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CR22110

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92		%	1	07/20/24	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	98		%	10	07/21/24	MH	70 - 130 %
% Bromofluorobenzene (10x)	99		%	10	07/21/24	MH	70 - 130 %
% Dibromofluoromethane (10x)	92		%	10	07/21/24	MH	70 - 130 %
% Toluene-d8 (10x)	85		%	10	07/21/24	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	07/22/24	MH	70 - 130 %
% Bromofluorobenzene (50x)	96		%	50	07/22/24	MH	70 - 130 %
% Dibromofluoromethane (50x)	93		%	50	07/22/24	MH	70 - 130 %
% Toluene-d8 (50x)	88		%	50	07/22/24	MH	70 - 130 %

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

Comments:

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

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Phyllis Shiller, Laboratory Director
July 25, 2024
Reviewed and Released by: Anil Makol, Project Manager

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 25, 2024

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:	AE	07/17/24	11:45
Location Code:	AMC-ENG	Received by:	SR1	07/18/24	17:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR22107
Phoenix ID: CR22111

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/23/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/23/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/23/24	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/23/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/23/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	07/23/24	MH	SW8260D	
2-Isopropyltoluene	2.3	1.0	ug/L	1	07/23/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/23/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: DUPLICATE

Phoenix I.D.: CR22111

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/23/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Benzene	5.3	0.70	ug/L	1	07/23/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	07/23/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	07/23/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/23/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	07/23/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Ethylbenzene	1.0	1.0	ug/L	1	07/23/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/23/24	MH	SW8260D	
Isopropylbenzene	27	1.0	ug/L	1	07/23/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/23/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	5.4	1.0	ug/L	1	07/23/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Naphthalene	3.5	1.0	ug/L	1	07/23/24	MH	SW8260D	
n-Butylbenzene	2.1	1.0	ug/L	1	07/23/24	MH	SW8260D	
n-Propylbenzene	26	1.0	ug/L	1	07/23/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
sec-Butylbenzene	7.5	1.0	ug/L	1	07/23/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/23/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/23/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/23/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	07/23/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	07/23/24	MH	70 - 130 %	
% Bromofluorobenzene	93		%	1	07/23/24	MH	70 - 130 %	
% Dibromofluoromethane	95		%	1	07/23/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: DUPLICATE

Phoenix I.D.: CR22111

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	07/23/24	MH	70 - 130 %

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
July 25, 2024
Reviewed and Released by: Anil Makol, 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 25, 2024

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	AE	07/17/24	
Location Code:	AMC-ENG	Received by:	SR1	07/18/24	17:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR22107
Phoenix ID: CR22112

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/19/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/19/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
2-Hexanone	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: TRIP BLANK

Phoenix I.D.: CR22112

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/19/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	07/19/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/19/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	07/19/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/19/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/19/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/19/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/19/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	07/19/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97		%	1	07/19/24	MH	70 - 130 %	
% Bromofluorobenzene	95		%	1	07/19/24	MH	70 - 130 %	
% Dibromofluoromethane	87		%	1	07/19/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: TRIP BLANK

Phoenix I.D.: CR22112

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	89		%	1	07/19/24	MH	70 - 130 %

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

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

Comments:

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.

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Phyllis Shiller, Laboratory Director
July 25, 2024
Reviewed and Released by: Anil Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 25, 2024

QA/QC Data

SDG I.D.: GCR22107

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 741299 (ug/L), QC Sample No: CR22108 (CR22108)											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	114	108	5.4	110	109	0.9	70 - 130	20	
1,1,1-Trichloroethane	ND	1.0	95	89	6.5	97	96	1.0	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	0.50	109	106	2.8	99	97	2.0	70 - 130	20	
1,1,2-Trichloroethane	ND	1.0	104	101	2.9	158	154	2.6	70 - 130	20	m
1,1-Dichloroethane	ND	1.0	94	88	6.6	93	92	1.1	70 - 130	20	
1,1-Dichloroethene	ND	1.0	95	88	7.7	98	97	1.0	70 - 130	20	
1,1-Dichloropropene	ND	1.0	100	92	8.3	104	104	0.0	70 - 130	20	
1,2,3-Trichlorobenzene	ND	1.0	119	113	5.2	117	117	0.0	70 - 130	20	
1,2,3-Trichloropropane	ND	1.0	111	104	6.5	101	100	1.0	70 - 130	20	
1,2,4-Trichlorobenzene	ND	1.0	118	110	7.0	105	108	2.8	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	112	106	5.5	110	111	0.9	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	1.0	123	113	8.5	112	102	9.3	70 - 130	20	
1,2-Dibromoethane	ND	1.0	110	105	4.7	110	107	2.8	70 - 130	20	
1,2-Dichlorobenzene	ND	1.0	111	106	4.6	105	106	0.9	70 - 130	20	
1,2-Dichloroethane	ND	1.0	103	98	5.0	99	98	1.0	70 - 130	20	
1,2-Dichloropropane	ND	1.0	104	98	5.9	77	75	2.6	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	112	105	6.5	109	112	2.7	70 - 130	20	
1,3-Dichlorobenzene	ND	1.0	110	105	4.7	108	108	0.0	70 - 130	20	
1,3-Dichloropropane	ND	1.0	107	102	4.8	105	104	1.0	70 - 130	20	
1,4-Dichlorobenzene	ND	1.0	110	105	4.7	107	111	3.7	70 - 130	20	
2,2-Dichloropropane	ND	1.0	94	90	4.3	90	88	2.2	70 - 130	20	
2-Chlorotoluene	ND	1.0	113	106	6.4	107	110	2.8	70 - 130	20	
2-Hexanone	ND	5.0	106	99	6.8	118	109	7.9	70 - 130	20	
2-Isopropyltoluene	ND	1.0	113	106	6.4	109	110	0.9	70 - 130	20	
4-Chlorotoluene	ND	1.0	110	101	8.5	106	107	0.9	70 - 130	20	
4-Methyl-2-pentanone	ND	5.0	102	97	5.0	114	104	9.2	70 - 130	20	
Acetone	ND	5.0	98	97	1.0	NC	NC	NC	70 - 130	20	
Acrylonitrile	ND	5.0	98	96	2.1	102	116	12.8	70 - 130	20	
Benzene	ND	0.70	103	95	8.1	99	99	0.0	70 - 130	20	
Bromobenzene	ND	1.0	115	108	6.3	108	108	0.0	70 - 130	20	
Bromochloromethane	ND	1.0	97	91	6.4	94	90	4.3	70 - 130	20	
Bromodichloromethane	ND	0.50	106	101	4.8	92	78	16.5	70 - 130	20	
Bromoform	ND	1.0	113	111	1.8	109	108	0.9	70 - 130	20	
Bromomethane	ND	1.0	96	100	4.1	65	85	26.7	70 - 130	20	m,r
Carbon Disulfide	ND	1.0	100	91	9.4	103	103	0.0	70 - 130	20	
Carbon tetrachloride	ND	1.0	93	86	7.8	94	92	2.2	70 - 130	20	
Chlorobenzene	ND	1.0	110	103	6.6	106	107	0.9	70 - 130	20	
Chloroethane	ND	1.0	89	82	8.2	86	86	0.0	70 - 130	20	
Chloroform	ND	1.0	96	84	13.3	88	86	2.3	70 - 130	20	
Chloromethane	ND	1.0	107	105	1.9	99	100	1.0	70 - 130	20	
cis-1,2-Dichloroethene	ND	1.0	95	93	2.1	103	100	3.0	70 - 130	20	

QA/QC Data

SDG I.D.: GCR22107

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	0.40	103	97	6.0	88	87	1.1	70 - 130	20	
Dibromochloromethane	ND	0.50	115	110	4.4	109	108	0.9	70 - 130	20	
Dibromomethane	ND	1.0	95	102	7.1	90	84	6.9	70 - 130	20	
Dichlorodifluoromethane	ND	1.0	98	91	7.4	95	95	0.0	70 - 130	20	
Ethylbenzene	ND	1.0	110	102	7.5	111	112	0.9	70 - 130	20	
Hexachlorobutadiene	ND	0.40	109	103	5.7	96	100	4.1	70 - 130	20	
Isopropylbenzene	ND	1.0	114	105	8.2	NC	NC	NC	70 - 130	20	
m&p-Xylene	ND	1.0	108	102	5.7	110	111	0.9	70 - 130	20	
Methyl ethyl ketone	ND	5.0	84	85	1.2	NC	NC	NC	70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	1.0	96	93	3.2	90	84	6.9	70 - 130	20	
Methylene chloride	ND	1.0	89	86	3.4	78	77	1.3	70 - 130	20	
Naphthalene	ND	1.0	124	115	7.5	135	133	1.5	70 - 130	20	m
n-Butylbenzene	ND	1.0	110	103	6.6	107	108	0.9	70 - 130	20	
n-Propylbenzene	ND	1.0	112	103	8.4	NC	NC	NC	70 - 130	20	
o-Xylene	ND	1.0	111	105	5.6	112	114	1.8	70 - 130	20	
p-Isopropyltoluene	ND	1.0	112	103	8.4	129	131	1.5	70 - 130	20	m
sec-Butylbenzene	ND	1.0	110	102	7.5	100	101	1.0	70 - 130	20	
Styrene	ND	1.0	111	105	5.6	111	112	0.9	70 - 130	20	
tert-Butylbenzene	ND	1.0	112	105	6.5	111	115	3.5	70 - 130	20	
Tetrachloroethene	ND	1.0	106	98	7.8	110	109	0.9	70 - 130	20	
Tetrahydrofuran (THF)	ND	2.5	88	86	2.3	101	97	4.0	70 - 130	20	
Toluene	ND	1.0	105	98	6.9	101	100	1.0	70 - 130	20	
trans-1,2-Dichloroethene	ND	1.0	96	90	6.5	95	93	2.1	70 - 130	20	
trans-1,3-Dichloropropene	ND	0.40	103	99	4.0	90	87	3.4	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	98	94	4.2	68	69	1.5	70 - 130	20	m
Trichloroethene	ND	1.0	108	98	9.7	104	105	1.0	70 - 130	20	
Trichlorofluoromethane	ND	1.0	89	83	7.0	96	95	1.0	70 - 130	20	
Trichlorotrifluoroethane	ND	1.0	90	85	5.7	99	102	3.0	70 - 130	20	
Vinyl chloride	ND	1.0	95	89	6.5	96	94	2.1	70 - 130	20	
% 1,2-dichlorobenzene-d4	98	%	100	102	2.0	98	97	1.0	70 - 130	20	
% Bromofluorobenzene	98	%	99	100	1.0	105	104	1.0	70 - 130	20	
% Dibromofluoromethane	90	%	95	93	2.1	92	90	2.2	70 - 130	20	
% Toluene-d8	90	%	100	98	2.0	97	98	1.0	70 - 130	20	

Comment:

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

QA/QC Batch 741611 (ug/L), QC Sample No: CR22111 (CR22111)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	102	104	1.9				70 - 130	20	
1,1,1-Trichloroethane	ND	1.0	100	101	1.0				70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	0.50	99	99	0.0				70 - 130	20	
1,1,2-Trichloroethane	ND	1.0	104	106	1.9				70 - 130	20	
1,1-Dichloroethane	ND	1.0	92	93	1.1				70 - 130	20	
1,1-Dichloroethene	ND	1.0	90	93	3.3				70 - 130	20	
1,1-Dichloropropene	ND	1.0	102	102	0.0				70 - 130	20	
1,2,3-Trichlorobenzene	ND	1.0	94	96	2.1				70 - 130	20	
1,2,3-Trichloropropane	ND	1.0	93	91	2.2				70 - 130	20	
1,2,4-Trichlorobenzene	ND	1.0	96	100	4.1				70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	97	99	2.0				70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	1.0	107	106	0.9				70 - 130	20	
1,2-Dibromoethane	ND	1.0	101	101	0.0				70 - 130	20	
1,2-Dichlorobenzene	ND	1.0	95	98	3.1				70 - 130	20	

QA/QC Data

SDG I.D.: GCR22107

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichloroethane	ND	1.0	102	102	0.0				70 - 130	20
1,2-Dichloropropane	ND	1.0	101	99	2.0				70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	100	101	1.0				70 - 130	20
1,3-Dichlorobenzene	ND	1.0	100	102	2.0				70 - 130	20
1,3-Dichloropropane	ND	1.0	98	99	1.0				70 - 130	20
1,4-Dichlorobenzene	ND	1.0	98	98	0.0				70 - 130	20
2,2-Dichloropropane	ND	1.0	96	97	1.0				70 - 130	20
2-Chlorotoluene	ND	1.0	104	103	1.0				70 - 130	20
2-Hexanone	ND	5.0	100	99	1.0				70 - 130	20
2-Isopropyltoluene	ND	1.0	101	103	2.0				70 - 130	20
4-Chlorotoluene	ND	1.0	101	105	3.9				70 - 130	20
4-Methyl-2-pentanone	ND	5.0	105	103	1.9				70 - 130	20
Acetone	ND	5.0	86	86	0.0				70 - 130	20
Acrylonitrile	ND	5.0	89	91	2.2				70 - 130	20
Benzene	ND	0.70	101	102	1.0				70 - 130	20
Bromobenzene	ND	1.0	104	107	2.8				70 - 130	20
Bromochloromethane	ND	1.0	104	91	13.3				70 - 130	20
Bromodichloromethane	ND	0.50	101	103	2.0				70 - 130	20
Bromoform	ND	1.0	104	99	4.9				70 - 130	20
Bromomethane	ND	1.0	115	113	1.8				70 - 130	20
Carbon Disulfide	ND	1.0	91	92	1.1				70 - 130	20
Carbon tetrachloride	ND	1.0	98	102	4.0				70 - 130	20
Chlorobenzene	ND	1.0	100	101	1.0				70 - 130	20
Chloroethane	ND	1.0	93	96	3.2				70 - 130	20
Chloroform	ND	1.0	97	91	6.4				70 - 130	20
Chloromethane	ND	1.0	99	102	3.0				70 - 130	20
cis-1,2-Dichloroethene	ND	1.0	92	96	4.3				70 - 130	20
cis-1,3-Dichloropropene	ND	0.40	103	102	1.0				70 - 130	20
Dibromochloromethane	ND	0.50	103	103	0.0				70 - 130	20
Dibromomethane	ND	1.0	101	99	2.0				70 - 130	20
Dichlorodifluoromethane	ND	1.0	97	101	4.0				70 - 130	20
Ethylbenzene	ND	1.0	100	103	3.0				70 - 130	20
Hexachlorobutadiene	ND	0.40	101	102	1.0				70 - 130	20
Isopropylbenzene	ND	1.0	103	107	3.8				70 - 130	20
m&p-Xylene	ND	1.0	101	103	2.0				70 - 130	20
Methyl ethyl ketone	ND	5.0	103	99	4.0				70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	92	94	2.2				70 - 130	20
Methylene chloride	ND	1.0	89	91	2.2				70 - 130	20
Naphthalene	ND	1.0	93	98	5.2				70 - 130	20
n-Butylbenzene	ND	1.0	95	98	3.1				70 - 130	20
n-Propylbenzene	ND	1.0	101	104	2.9				70 - 130	20
o-Xylene	ND	1.0	102	104	1.9				70 - 130	20
p-Isopropyltoluene	ND	1.0	99	101	2.0				70 - 130	20
sec-Butylbenzene	ND	1.0	99	102	3.0				70 - 130	20
Styrene	ND	1.0	103	102	1.0				70 - 130	20
tert-Butylbenzene	ND	1.0	99	104	4.9				70 - 130	20
Tetrachloroethene	ND	1.0	112	108	3.6				70 - 130	20
Tetrahydrofuran (THF)	ND	2.5	100	98	2.0				70 - 130	20
Toluene	ND	1.0	102	105	2.9				70 - 130	20
trans-1,2-Dichloroethene	ND	1.0	93	94	1.1				70 - 130	20
trans-1,3-Dichloropropene	ND	0.40	100	99	1.0				70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	105	105	0.0				70 - 130	20
Trichloroethene	ND	1.0	107	107	0.0				70 - 130	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorofluoromethane	ND	1.0	94	100	6.2				70 - 130	20
Trichlorotrifluoroethane	ND	1.0	100	103	3.0				70 - 130	20
Vinyl chloride	ND	1.0	93	95	2.1				70 - 130	20
% 1,2-dichlorobenzene-d4	98	%	99	100	1.0				70 - 130	20
% Bromofluorobenzene	95	%	99	98	1.0				70 - 130	20
% Dibromofluoromethane	101	%	97	92	5.3				70 - 130	20
% Toluene-d8	100	%	100	99	1.0				70 - 130	20

Comment:

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

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

QA/QC Batch 741293 (ug/L), QC Sample No: CR22112 (CR22107, CR22109, CR22110, CR22112)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	114	108	5.4				70 - 130	20
1,1,1-Trichloroethane	ND	1.0	95	89	6.5				70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.50	109	106	2.8				70 - 130	20
1,1,2-Trichloroethane	ND	1.0	104	101	2.9				70 - 130	20
1,1-Dichloroethane	ND	1.0	94	88	6.6				70 - 130	20
1,1-Dichloroethene	ND	1.0	95	88	7.7				70 - 130	20
1,1-Dichloropropene	ND	1.0	100	92	8.3				70 - 130	20
1,2,3-Trichlorobenzene	ND	1.0	119	113	5.2				70 - 130	20
1,2,3-Trichloropropane	ND	1.0	111	104	6.5				70 - 130	20
1,2,4-Trichlorobenzene	ND	1.0	118	110	7.0				70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	112	106	5.5				70 - 130	20
1,2-Dibromo-3-chloropropane	ND	1.0	123	113	8.5				70 - 130	20
1,2-Dibromoethane	ND	1.0	110	105	4.7				70 - 130	20
1,2-Dichlorobenzene	ND	1.0	111	106	4.6				70 - 130	20
1,2-Dichloroethane	ND	1.0	103	98	5.0				70 - 130	20
1,2-Dichloropropane	ND	1.0	104	98	5.9				70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	112	105	6.5				70 - 130	20
1,3-Dichlorobenzene	ND	1.0	110	105	4.7				70 - 130	20
1,3-Dichloropropane	ND	1.0	107	102	4.8				70 - 130	20
1,4-Dichlorobenzene	ND	1.0	110	105	4.7				70 - 130	20
2,2-Dichloropropane	ND	1.0	94	90	4.3				70 - 130	20
2-Chlorotoluene	ND	1.0	113	106	6.4				70 - 130	20
2-Hexanone	ND	5.0	106	99	6.8				70 - 130	20
2-Isopropyltoluene	ND	1.0	113	106	6.4				70 - 130	20
4-Chlorotoluene	ND	1.0	110	101	8.5				70 - 130	20
4-Methyl-2-pentanone	ND	5.0	102	97	5.0				70 - 130	20
Acetone	ND	5.0	98	97	1.0				70 - 130	20
Acrylonitrile	ND	5.0	98	96	2.1				70 - 130	20
Benzene	ND	0.70	103	95	8.1				70 - 130	20
Bromobenzene	ND	1.0	115	108	6.3				70 - 130	20
Bromochloromethane	ND	1.0	97	91	6.4				70 - 130	20
Bromodichloromethane	ND	0.50	106	101	4.8				70 - 130	20
Bromoform	ND	1.0	113	111	1.8				70 - 130	20
Bromomethane	ND	1.0	96	100	4.1				70 - 130	20
Carbon Disulfide	ND	1.0	100	91	9.4				70 - 130	20
Carbon tetrachloride	ND	1.0	93	86	7.8				70 - 130	20
Chlorobenzene	ND	1.0	110	103	6.6				70 - 130	20
Chloroethane	ND	1.0	89	82	8.2				70 - 130	20
Chloroform	ND	1.0	96	84	13.3				70 - 130	20

QA/QC Data

SDG I.D.: GCR22107

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloromethane	ND	1.0	107	105	1.9				70 - 130	20
cis-1,2-Dichloroethene	ND	1.0	95	93	2.1				70 - 130	20
cis-1,3-Dichloropropene	ND	0.40	103	97	6.0				70 - 130	20
Dibromochloromethane	ND	0.50	115	110	4.4				70 - 130	20
Dibromomethane	ND	1.0	95	102	7.1				70 - 130	20
Dichlorodifluoromethane	ND	1.0	98	91	7.4				70 - 130	20
Ethylbenzene	ND	1.0	110	102	7.5				70 - 130	20
Hexachlorobutadiene	ND	0.40	109	103	5.7				70 - 130	20
Isopropylbenzene	ND	1.0	114	105	8.2				70 - 130	20
m&p-Xylene	ND	1.0	108	102	5.7				70 - 130	20
Methyl ethyl ketone	ND	5.0	84	85	1.2				70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	96	93	3.2				70 - 130	20
Methylene chloride	ND	1.0	89	86	3.4				70 - 130	20
Naphthalene	ND	1.0	124	115	7.5				70 - 130	20
n-Butylbenzene	ND	1.0	110	103	6.6				70 - 130	20
n-Propylbenzene	ND	1.0	112	103	8.4				70 - 130	20
o-Xylene	ND	1.0	111	105	5.6				70 - 130	20
p-Isopropyltoluene	ND	1.0	112	103	8.4				70 - 130	20
sec-Butylbenzene	ND	1.0	110	102	7.5				70 - 130	20
Styrene	ND	1.0	111	105	5.6				70 - 130	20
tert-Butylbenzene	ND	1.0	112	105	6.5				70 - 130	20
Tetrachloroethene	ND	1.0	106	98	7.8				70 - 130	20
Tetrahydrofuran (THF)	ND	2.5	88	86	2.3				70 - 130	20
Toluene	ND	1.0	105	98	6.9				70 - 130	20
trans-1,2-Dichloroethene	ND	1.0	96	90	6.5				70 - 130	20
trans-1,3-Dichloropropene	ND	0.40	103	99	4.0				70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	98	94	4.2				70 - 130	20
Trichloroethene	ND	1.0	108	98	9.7				70 - 130	20
Trichlorofluoromethane	ND	1.0	89	83	7.0				70 - 130	20
Trichlorotrifluoroethane	ND	1.0	90	85	5.7				70 - 130	20
Vinyl chloride	ND	1.0	95	89	6.5				70 - 130	20
% 1,2-dichlorobenzene-d4	98	%	100	102	2.0				70 - 130	20
% Bromofluorobenzene	98	%	99	100	1.0				70 - 130	20
% Dibromofluoromethane	90	%	95	93	2.1				70 - 130	20
% Toluene-d8	90	%	100	98	2.0				70 - 130	20

Comment:

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

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

QA/QC Batch 741467 (ug/L), QC Sample No: CR22898 (CR22110 (10X))

Volatiles - Ground Water

1,3,5-Trimethylbenzene	ND	1.0	115	110	4.4				70 - 130	20
Naphthalene	ND	1.0	98	102	4.0				70 - 130	20
n-Propylbenzene	ND	1.0	116	112	3.5				70 - 130	20
Toluene	ND	1.0	95	94	1.1				70 - 130	20
% 1,2-dichlorobenzene-d4	97	%	98	101	3.0				70 - 130	20
% Bromofluorobenzene	97	%	97	99	2.0				70 - 130	20
% Dibromofluoromethane	90	%	86	92	6.7				70 - 130	20
% Toluene-d8	85	%	95	95	0.0				70 - 130	20

QA/QC Data

SDG I.D.: GCR22107

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

Comment:

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

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

QA/QC Batch 741494 (ug/L), QC Sample No: CR22967 (CR22110 (50X))

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	107	114	6.3			70 - 130	20
Ethylbenzene	ND	1.0	103	108	4.7			70 - 130	20
m&p-Xylene	ND	1.0	104	108	3.8			70 - 130	20
o-Xylene	ND	1.0	105	111	5.6			70 - 130	20
% 1,2-dichlorobenzene-d4	98	%	102	102	0.0			70 - 130	20
% Bromofluorobenzene	97	%	99	100	1.0			70 - 130	20
% Dibromofluoromethane	90	%	90	92	2.2			70 - 130	20
% Toluene-d8	87	%	91	94	3.2			70 - 130	20

Comment:

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

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

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

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

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

Phyllis Shiller, Laboratory Director
July 25, 2024

Thursday, July 25, 2024

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCR22107 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CR22107	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CR22107	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CR22107	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CR22108	$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	4.7	0.70	0.7	0.7	ug/L
CR22108	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CR22108	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CR22108	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CR22108	$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	4.7	0.70	1	1	ug/L
CR22108	$8260GWR	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	28	1.0	5	5	ug/L
CR22108	$8260GWR	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	28	1.0	5	5	ug/L
CR22108	$8260GWR	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	9.4	1.0	5	5	ug/L
CR22109	$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	1.5	0.70	0.7	0.7	ug/L
CR22109	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CR22109	$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	1.5	0.70	1	1	ug/L
CR22109	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CR22109	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CR22110	$8260GWR	Total Xylenes	NY / TAGM - Volatile Organics / Groundwater Standards	1660	50	5	5	ug/L
CR22110	$8260GWR	Total Xylenes	NY / TOGS - Water Quality / GA Criteria	1660	50	5	5	ug/L
CR22110	$8260GWR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	120	10	10	10	ug/L
CR22110	$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	10	0.70	0.7	0.7	ug/L
CR22110	$8260GWR	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	460	50	5	5	ug/L
CR22110	$8260GWR	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	440	50	5	5	ug/L
CR22110	$8260GWR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	120	10	5	5	ug/L
CR22110	$8260GWR	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	120	10	5	5	ug/L
CR22110	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CR22110	$8260GWR	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	640	50	5	5	ug/L
CR22110	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CR22110	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CR22110	$8260GWR	Toluene	NY / TOGS - Water Quality / GA Criteria	120	10	5	5	ug/L
CR22110	$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	10	0.70	1	1	ug/L
CR22110	$8260GWR	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	28	1.0	5	5	ug/L
CR22110	$8260GWR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	120	10	10	10	ug/L
CR22110	$8260GWR	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.4	1.0	5	5	ug/L
CR22110	$8260GWR	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	90	10	5	5	ug/L
CR22110	$8260GWR	o-Xylene	NY / TOGS - Water Quality / GA Criteria	460	50	5	5	ug/L
CR22110	$8260GWR	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.1	1.0	5	5	ug/L
CR22110	$8260GWR	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	150	10	5	5	ug/L
CR22110	$8260GWR	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	440	50	5	5	ug/L
CR22111	$8260GWR	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	5.3	0.70	0.7	0.7	ug/L

Thursday, July 25, 2024

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCR22107 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CR22111	$8260GWR	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	7.5	1.0	5	5	ug/L
CR22111	$8260GWR	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	26	1.0	5	5	ug/L
CR22111	$8260GWR	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	27	1.0	5	5	ug/L
CR22111	$8260GWR	Benzene	NY / TOGS - Water Quality / GA Criteria	5.3	0.70	1	1	ug/L
CR22111	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CR22111	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CR22111	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CR22112	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CR22112	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CR22112	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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 Comments

July 25, 2024 SDG I.D.: GCR22107

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

VOA Narration

CHEM17 07/19/24-1: CR22107, CR22108, CR22109, CR22110, CR22112

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

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 28% (20%), Bromomethane 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.169 (0.2), 1,2,3-Trichlorobenzene 0.360 (0.4), 1,2-Dibromoethane 0.151 (0.2), Bromoform 0.065 (0.1), Dibromochloromethane 0.162 (0.2), Tetrahydrofuran (THF) 0.039 (0.05), trans-1,3-Dichloropropene 0.284 (0.3)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.034 (0.05), Acetone 0.037 (0.05), Tetrahydrofuran (THF) 0.039 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Bromomethane 31%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.171 (0.2), 1,2-Dibromoethane 0.159 (0.2), Bromoform 0.072 (0.1), Dibromochloromethane 0.183 (0.2), Tetrahydrofuran (THF) 0.032 (0.05), trans-1,3-Dichloropropene 0.281 (0.3)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.034 (0.05), Acetone 0.037 (0.05), Tetrahydrofuran (THF) 0.039 (0.05)

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

CHEM17 07/19/24-2: CR22108

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

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 28% (20%), Bromomethane 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.169 (0.2), 1,2,3-Trichlorobenzene 0.360 (0.4), 1,2-Dibromoethane 0.151 (0.2), Bromoform 0.065 (0.1), Dibromochloromethane 0.162 (0.2), Tetrahydrofuran (THF) 0.039 (0.05), trans-1,3-Dichloropropene 0.284 (0.3)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.034 (0.05), Acetone 0.037 (0.05), Tetrahydrofuran (THF) 0.039 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Bromomethane 31%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.171 (0.2), 1,2-Dibromoethane 0.159 (0.2), Bromoform 0.072 (0.1), Dibromochloromethane 0.183 (0.2), Tetrahydrofuran (THF) 0.032 (0.05), trans-1,3-Dichloropropene 0.281 (0.3)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.034 (0.05), Acetone 0.037 (0.05), Tetrahydrofuran (THF) 0.039 (0.05)

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

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

NY Temperature Narration

July 25, 2024

SDG I.D.: GCR22107

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Client Services (860) 645-8726

Temp 1.7 Pg 1 of 1

Data Delivery:
☐ Fax #:
☑ Email ARIEL@AMC-ENGINEERING.COM

Customer: AMC ENGINEERING PLLC
Address: 18-36 42nd Street
Astoria NY 11105

Project: 3035 White Plains Road, Bx
Report to: ARIEL CZEMERINSKI
Invoice to: AMC ENGINEERING PLLC

Project P.O:
Phone #: 718 545-0474
Fax #: 516 706-3214

Sampler's Signature: (AE) Date: 7/17/2024

Client Sample - Information - Identification

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs (8260)**	1,4-Dioxane**	Tert-Butyl Alcohol**	x	x	x	x	x	x	x	x	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml			
22107	IRMW-7	GW	7/17/2024	11:35A		X														3							
22108	IRMW-10	GW	7/17/2024	11:40A	X	X														9							
22109	IRMW-11	GW	7/17/2024	10:35A		X														3							
22110	IRMW-14	GW	7/17/2024	10:30A		X														3							
22111	Duplicate	GW	7/17/2024	11:45A		X														3							
22112	Trip Blank	GW	N/A	N/A		X														2							

Relinquished by:	Accepted by:	Date:	Time:
(AE)	DG	7/18	2:00
DG	[signature]	7/18/24	17:50

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ NY 375 GWP
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

PHOENIX
Environmental Laboratories, Inc.

Tuesday, October 08, 2024

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

Project ID: 3035 WHITE PLAINS RD. BX
SDG ID: GCR73389
Sample ID#s: CR73389 - CR73394

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.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

October 08, 2024

SDG I.D.: GCR73389

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

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

October 08, 2024

SDG I.D.: GCR73389

Project ID: 3035 WHITE PLAINS RD. BX

Client Id	Lab Id	Matrix
IRMW-7	CR73389	GROUND WATER
IRMW-10	CR73390	GROUND WATER
IRMW-11	CR73391	GROUND WATER
IRMW-14	CR73392	GROUND WATER
DUPLICATE	CR73393	GROUND WATER
TRIP BLANK	CR73394	GROUND WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2024

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:		09/25/24	13:50
Location Code:	AMC-ENG	Received by:	CP	09/26/24	19:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR73389
Phoenix ID: CR73389

Project ID: 3035 WHITE PLAINS RD. BX
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	09/30/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
2-Isopropyltoluene	1.2	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	

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

Phoenix I.D.: CR73389

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Benzene	1.7		0.70	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Ethylbenzene	0.31	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	09/30/24	MH	SW8260D	
Isopropylbenzene	8.8		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
m&p-Xylene	0.40	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	3.6		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
n-Butylbenzene	0.87	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
n-Propylbenzene	4.2		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
sec-Butylbenzene	3.8		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
tert-Butylbenzene	0.50	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	93				%	1	09/30/24	MH	70 - 130 %	
% Bromofluorobenzene	99				%	1	09/30/24	MH	70 - 130 %	
% Dibromofluoromethane	98				%	1	09/30/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD. BX

Client ID: IRMW-7

Phoenix I.D.: CR73389

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	1	09/30/24	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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

October 08, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2024

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:		09/25/24	14:49
Location Code:	AMC-ENG	Received by:	CP	09/26/24	19:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR73389
Phoenix ID: CR73390

Project ID: 3035 WHITE PLAINS RD. BX
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	09/30/24	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trimethylbenzene	0.44	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3,5-Trimethylbenzene	0.28	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
2-Isopropyltoluene	6.1		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	

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

Phoenix I.D.: CR73390

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Benzene	12	0.70	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromomethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Ethylbenzene	10	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	09/30/24	MH	SW8260D	
Isopropylbenzene	52	40	10	ug/L	40	10/02/24	MH	SW8260D	
m&p-Xylene	2.3	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	7.8	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
Naphthalene	40	40	40	ug/L	40	10/02/24	MH	SW8260D	
n-Butylbenzene	9.6	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
n-Propylbenzene	78	40	10	ug/L	40	10/02/24	MH	SW8260D	
o-Xylene	1.1	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
p-Isopropyltoluene	3.6	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
sec-Butylbenzene	17	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
tert-Butylbenzene	2.0	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	1
Toluene	1.7	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	89			%	1	09/30/24	MH	70 - 130 %	
% Bromofluorobenzene	106			%	1	09/30/24	MH	70 - 130 %	
% Dibromofluoromethane	93			%	1	09/30/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD. BX

Client ID: IRMW-10

Phoenix I.D.: CR73390

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	09/30/24	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (40x)	95			%	40	10/02/24	MH	70 - 130 %
% Bromofluorobenzene (40x)	102			%	40	10/02/24	MH	70 - 130 %
% Dibromofluoromethane (40x)	106			%	40	10/02/24	MH	70 - 130 %
% Toluene-d8 (40x)	95			%	40	10/02/24	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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

October 08, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2024

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:		09/25/24	12:45
Location Code:	AMC-ENG	Received by:	CP	09/26/24	19:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR73389
Phoenix ID: CR73391

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					09/30/24			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
2-Isopropyltoluene	2.9	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	

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

Phoenix I.D.: CR73391

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acetone	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Benzene	2.4		0.70	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	09/30/24	MH	SW8260D	
Isopropylbenzene	4.4		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
m&p-Xylene	0.63	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	6.6		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
n-Butylbenzene	0.86	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
n-Propylbenzene	0.42	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
p-Isopropyltoluene	0.32	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
sec-Butylbenzene	8.8		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
tert-Butylbenzene	1.3		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	94				%	1	09/30/24	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	09/30/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD. BX

Client ID: IRMW-11

Phoenix I.D.: CR73391

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	102			%	1	09/30/24	MH	70 - 130 %
% Toluene-d8	90			%	1	09/30/24	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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:

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 08, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2024

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:		09/25/24	11:45
Location Code:	AMC-ENG	Received by:	CP	09/26/24	19:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR73389
Phoenix ID: CR73392

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

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	09/30/24	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trimethylbenzene	110		5.0	1.3	ug/L	5	10/02/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3,5-Trimethylbenzene	11		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
2-Isopropyltoluene	0.29	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	

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

Phoenix I.D.: CR73392

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	8.6	S	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Benzene	5.3		0.70	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Ethylbenzene	74		5.0	1.3	ug/L	5	10/02/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	09/30/24	MH	SW8260D	
Isopropylbenzene	3.5		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
m&p-Xylene	120		5.0	1.3	ug/L	5	10/02/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	3.6		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
Naphthalene	74		5.0	5.0	ug/L	5	10/02/24	MH	SW8260D	
n-Butylbenzene	1.1		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
n-Propylbenzene	8.2		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
o-Xylene	ND		5.0	1.3	ug/L	5	10/02/24	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
sec-Butylbenzene	0.82	J	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	1
Toluene	38		5.0	1.3	ug/L	5	10/02/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	95				%	1	09/30/24	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	09/30/24	MH	70 - 130 %	
% Dibromofluoromethane	101				%	1	09/30/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD. BX

Client ID: IRMW-14

Phoenix I.D.: CR73392

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	93			%	1	09/30/24	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	98			%	5	10/02/24	MH	70 - 130 %
% Bromofluorobenzene (5x)	100			%	5	10/02/24	MH	70 - 130 %
% Dibromofluoromethane (5x)	109			%	5	10/02/24	MH	70 - 130 %
% Toluene-d8 (5x)	98			%	5	10/02/24	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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:

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 08, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2024

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:		09/25/24	12:46
Location Code:	AMC-ENG	Received by:	CP	09/26/24	19:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR73389
Phoenix ID: CR73393

Project ID: 3035 WHITE PLAINS RD. BX
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	10/02/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	10/02/24	MH	SW8260D	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	10/02/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	10/02/24	MH	SW8260D	
2-Isopropyltoluene	2.5	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	10/02/24	MH	SW8260D	

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

Phoenix I.D.: CR73393

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	10/02/24	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	10/02/24	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	10/02/24	MH	SW8260D	
Benzene	2.3		0.70	0.25	ug/L	1	10/02/24	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/02/24	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	10/02/24	MH	SW8260D	
Isopropylbenzene	3.2		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
m&p-Xylene	0.55	J	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	10/02/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	7.5		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	10/02/24	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	10/02/24	MH	SW8260D	
n-Butylbenzene	0.70	J	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
n-Propylbenzene	0.28	J	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
p-Isopropyltoluene	0.25	J	1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
sec-Butylbenzene	7.6		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
tert-Butylbenzene	1.1		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	10/02/24	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	10/02/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	10/02/24	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	10/02/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	97				%	1	10/02/24	MH	70 - 130 %	
% Bromofluorobenzene	103				%	1	10/02/24	MH	70 - 130 %	
% Dibromofluoromethane	108				%	1	10/02/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD. BX

Client ID: DUPLICATE

Phoenix I.D.: CR73393

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	10/02/24	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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

October 08, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2024

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:		09/25/24	
Location Code:	AMC-ENG	Received by:	CP	09/26/24	19:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCR73389
Phoenix ID: CR73394

Project ID: 3035 WHITE PLAINS RD. BX
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	09/30/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	09/30/24	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	

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

Phoenix I.D.: CR73394

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	
Benzene	ND	0.70	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Bromomethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Ethylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	09/30/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
m&p-Xylene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
Naphthalene	ND	1.0	1.0	ug/L	1	09/30/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	09/30/24	MH	SW8260D	1
Toluene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	09/30/24	MH	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	09/30/24	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	93			%	1	09/30/24	MH	70 - 130 %	
% Bromofluorobenzene	99			%	1	09/30/24	MH	70 - 130 %	
% Dibromofluoromethane	92			%	1	09/30/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS RD. BX

Client ID: TRIP BLANK

Phoenix I.D.: CR73394

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	93			%	1	09/30/24	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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.

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

Phyllis Shiller, Laboratory Director

October 08, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 08, 2024

QA/QC Data

SDG I.D.: GCR73389

QA/QC Batch 751755 (ug/L), QC Sample No: CR73391 (CR73389, CR73390, CR73391, CR73392, CR73394)

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	100	98	2.0	102	103	1.0	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	97	92	5.3	109	111	1.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	97	97	0.0	93	95	2.1	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	95	95	0.0	106	106	0.0	70 - 130	30	
1,1-Dichloroethane	ND	1.0	99	95	4.1	105	106	0.9	70 - 130	30	
1,1-Dichloroethene	ND	1.0	95	91	4.3	108	110	1.8	70 - 130	30	
1,1-Dichloropropene	ND	1.0	98	95	3.1	112	111	0.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	105	99	5.9	98	102	4.0	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	97	96	1.0	95	95	0.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	104	101	2.9	89	93	4.4	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	104	101	2.9	105	109	3.7	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	99	97	2.0	88	89	1.1	70 - 130	30	
1,2-Dibromoethane	ND	1.0	99	97	2.0	102	99	3.0	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	102	98	4.0	99	101	2.0	70 - 130	30	
1,2-Dichloroethane	ND	1.0	97	97	0.0	97	96	1.0	70 - 130	30	
1,2-Dichloropropane	ND	1.0	98	97	1.0	97	95	2.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	104	100	3.9	106	111	4.6	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	103	100	3.0	101	105	3.9	70 - 130	30	
1,3-Dichloropropane	ND	1.0	99	97	2.0	100	100	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	104	100	3.9	102	105	2.9	70 - 130	30	
2,2-Dichloropropane	ND	1.0	102	96	6.1	105	106	0.9	70 - 130	30	
2-Chlorotoluene	ND	1.0	105	101	3.9	103	108	4.7	70 - 130	30	
2-Hexanone	ND	5.0	91	90	1.1	90	82	9.3	70 - 130	30	
2-Isopropyltoluene	ND	1.0	106	103	2.9	102	106	3.8	70 - 130	30	
4-Chlorotoluene	ND	1.0	104	101	2.9	103	108	4.7	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	89	89	0.0	91	89	2.2	70 - 130	30	
Acetone	ND	5.0	78	80	2.5	>200	>200	NC	70 - 130	30	m
Acrolein	ND	5.0	97	96	1.0	91	89	2.2	70 - 130	30	
Acrylonitrile	ND	5.0	95	93	2.1	89	104	15.5	70 - 130	30	
Benzene	ND	0.70	102	99	3.0	105	104	1.0	70 - 130	30	
Bromobenzene	ND	1.0	104	102	1.9	102	103	1.0	70 - 130	30	
Bromochloromethane	ND	1.0	97	95	2.1	100	101	1.0	70 - 130	30	
Bromodichloromethane	ND	0.50	99	96	3.1	94	94	0.0	70 - 130	30	
Bromoform	ND	1.0	97	95	2.1	89	91	2.2	70 - 130	30	
Bromomethane	ND	1.0	127	125	1.6	107	123	13.9	70 - 130	30	
Carbon Disulfide	ND	1.0	101	96	5.1	110	112	1.8	70 - 130	30	
Carbon tetrachloride	ND	1.0	97	92	5.3	108	109	0.9	70 - 130	30	
Chlorobenzene	ND	1.0	102	99	3.0	104	106	1.9	70 - 130	30	
Chloroethane	ND	1.0	107	100	6.8	110	112	1.8	70 - 130	30	
Chloroform	ND	1.0	90	94	4.3	94	104	10.1	70 - 130	30	
Chloromethane	ND	1.0	123	117	5.0	110	112	1.8	70 - 130	30	

QA/QC Data

SDG I.D.: GCR73389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,2-Dichloroethene	ND	1.0	101	92	9.3	110	112	1.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	99	99	0.0	97	95	2.1	70 - 130	30	
Dibromochloromethane	ND	0.50	99	98	1.0	97	97	0.0	70 - 130	30	
Dibromomethane	ND	1.0	98	97	1.0	97	97	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	127	119	6.5	126	126	0.0	70 - 130	30	
Ethylbenzene	ND	1.0	102	99	3.0	110	111	0.9	70 - 130	30	
Hexachlorobutadiene	ND	0.40	99	95	4.1	92	97	5.3	70 - 130	30	
Isopropylbenzene	ND	1.0	106	100	5.8	102	106	3.8	70 - 130	30	
m&p-Xylene	ND	1.0	102	99	3.0	107	110	2.8	70 - 130	30	
Methyl ethyl ketone	ND	5.0	84	91	8.0	175	176	0.6	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	93	90	3.3	94	91	3.2	70 - 130	30	
Methylene chloride	ND	1.0	96	91	5.3	96	96	0.0	70 - 130	30	
Naphthalene	ND	1.0	104	100	3.9	101	103	2.0	70 - 130	30	
n-Butylbenzene	ND	1.0	103	99	4.0	102	107	4.8	70 - 130	30	
n-Propylbenzene	ND	1.0	105	100	4.9	105	111	5.6	70 - 130	30	
o-Xylene	ND	1.0	102	99	3.0	107	109	1.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	102	98	4.0	105	110	4.7	70 - 130	30	
sec-Butylbenzene	ND	1.0	102	97	5.0	88	95	7.7	70 - 130	30	
Styrene	ND	1.0	103	102	1.0	108	111	2.7	70 - 130	30	
tert-Butylbenzene	ND	1.0	102	97	5.0	103	110	6.6	70 - 130	30	
Tetrachloroethene	ND	1.0	100	95	5.1	108	109	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	87	88	1.1	84	85	1.2	70 - 130	30	
Toluene	ND	1.0	100	100	0.0	107	106	0.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	101	96	5.1	109	111	1.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	98	99	1.0	95	94	1.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	102	102	0.0	75	80	6.5	70 - 130	30	
Trichloroethene	ND	1.0	101	97	4.0	107	110	2.8	70 - 130	30	
Trichlorofluoromethane	ND	1.0	92	87	5.6	108	111	2.7	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	92	89	3.3	108	112	3.6	70 - 130	30	
Vinyl chloride	ND	1.0	104	99	4.9	111	112	0.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	96	%	100	99	1.0	98	98	0.0	70 - 130	30	
% Bromofluorobenzene	102	%	98	99	1.0	100	101	1.0	70 - 130	30	
% Dibromofluoromethane	98	%	96	97	1.0	99	98	1.0	70 - 130	30	
% Toluene-d8	93	%	100	102	2.0	100	99	1.0	70 - 130	30	

QA/QC Batch 751820 (ug/L), QC Sample No: CR74857 (CR73390 (40X) , CR73392 (5X))

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	109	98	10.6	106	109	2.8	70 - 130	30	
Ethylbenzene	ND	1.0	107	96	10.8	106	107	0.9	70 - 130	30	
Isopropylbenzene	ND	1.0	107	96	10.8	110	112	1.8	70 - 130	30	
m&p-Xylene	ND	1.0	106	96	9.9	106	106	0.0	70 - 130	30	
Naphthalene	ND	1.0	132	122	7.9	129	121	6.4	70 - 130	30	l
n-Propylbenzene	ND	1.0	107	95	11.9	108	112	3.6	70 - 130	30	
o-Xylene	ND	1.0	109	100	8.6	107	106	0.9	70 - 130	30	
Toluene	ND	1.0	113	104	8.3	110	109	0.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	%	103	103	0.0	102	102	0.0	70 - 130	30	
% Bromofluorobenzene	103	%	100	100	0.0	100	100	0.0	70 - 130	30	
% Dibromofluoromethane	104	%	105	105	0.0	99	99	0.0	70 - 130	30	
% Toluene-d8	97	%	104	104	0.0	102	101	1.0	70 - 130	30	

QA/QC Batch 752418 (ug/L), QC Sample No: CR76356 (CR73393)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	102	107	4.8				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	100	102	2.0				70 - 130	30	

QA/QC Data

SDG I.D.: GCR73389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,2,2-Tetrachloroethane	ND	0.50	106	111	4.6				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	111	119	7.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	104	105	1.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	100	101	1.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	100	102	2.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	107	113	5.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	102	110	7.5				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	107	110	2.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	100	102	2.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	108	118	8.8				70 - 130	30
1,2-Dibromoethane	ND	1.0	106	109	2.8				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	104	106	1.9				70 - 130	30
1,2-Dichloroethane	ND	1.0	108	115	6.3				70 - 130	30
1,2-Dichloropropane	ND	1.0	108	113	4.5				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	99	99	0.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	100	103	3.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	106	111	4.6				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	102	104	1.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	95	96	1.0				70 - 130	30
2-Chlorotoluene	ND	1.0	101	102	1.0				70 - 130	30
2-Hexanone	ND	5.0	102	111	8.5				70 - 130	30
2-Isopropyltoluene	ND	1.0	102	103	1.0				70 - 130	30
4-Chlorotoluene	ND	1.0	100	103	3.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	109	117	7.1				70 - 130	30
Acetone	ND	5.0	105	108	2.8				70 - 130	30
Acrolein	ND	5.0	111	117	5.3				70 - 130	30
Acrylonitrile	ND	5.0	105	114	8.2				70 - 130	30
Benzene	ND	0.70	102	105	2.9				70 - 130	30
Bromobenzene	ND	1.0	103	105	1.9				70 - 130	30
Bromochloromethane	ND	1.0	109	111	1.8				70 - 130	30
Bromodichloromethane	ND	0.50	108	113	4.5				70 - 130	30
Bromoform	ND	1.0	99	107	7.8				70 - 130	30
Bromomethane	ND	1.0	108	110	1.8				70 - 130	30
Carbon Disulfide	ND	1.0	102	103	1.0				70 - 130	30
Carbon tetrachloride	ND	1.0	98	98	0.0				70 - 130	30
Chlorobenzene	ND	1.0	103	104	1.0				70 - 130	30
Chloroethane	ND	1.0	109	109	0.0				70 - 130	30
Chloroform	ND	1.0	107	101	5.8				70 - 130	30
Chloromethane	ND	1.0	129	129	0.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	107	109	1.9				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	109	115	5.4				70 - 130	30
Dibromochloromethane	ND	0.50	106	111	4.6				70 - 130	30
Dibromomethane	ND	1.0	108	115	6.3				70 - 130	30
Dichlorodifluoromethane	ND	1.0	101	101	0.0				70 - 130	30
Ethylbenzene	ND	1.0	100	101	1.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	94	96	2.1				70 - 130	30
Isopropylbenzene	ND	1.0	100	100	0.0				70 - 130	30
m&p-Xylene	ND	1.0	99	100	1.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	111	121	8.6				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	108	118	8.8				70 - 130	30
Methylene chloride	ND	1.0	104	108	3.8				70 - 130	30
Naphthalene	ND	1.0	112	119	6.1				70 - 130	30
n-Butylbenzene	ND	1.0	97	99	2.0				70 - 130	30

QA/QC Data

SDG I.D.: GCR73389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
n-Propylbenzene	ND	1.0	100	100	0.0				70 - 130	30
o-Xylene	ND	1.0	102	103	1.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	98	98	0.0				70 - 130	30
sec-Butylbenzene	ND	1.0	96	98	2.1				70 - 130	30
Styrene	ND	1.0	103	106	2.9				70 - 130	30
tert-Butylbenzene	ND	1.0	99	100	1.0				70 - 130	30
Tetrachloroethene	ND	1.0	102	105	2.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	106	118	10.7				70 - 130	30
Toluene	ND	1.0	105	109	3.7				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	104	104	0.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	111	119	7.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	118	127	7.3				70 - 130	30
Trichloroethene	ND	1.0	101	103	2.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	96	97	1.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	94	97	3.1				70 - 130	30
Vinyl chloride	ND	1.0	105	105	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	101	103	2.0				70 - 130	30
% Bromofluorobenzene	102	%	97	99	2.0				70 - 130	30
% Dibromofluoromethane	107	%	103	102	1.0				70 - 130	30
% Toluene-d8	97	%	106	107	0.9				70 - 130	30

Comment:

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

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

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
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
October 08, 2024

Tuesday, October 08, 2024

Criteria: NY: 375GWP, DEP EFF

State: NY

Sample Criteria Exceedances Report

GCR73389 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CR73390	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	40	40	19	19	ug/L
CR73392	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	38	5.0	28	28	ug/L
CR73392	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	74	5.0	19	19	ug/L
CR73392	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	120	5.0	74	74	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 08, 2024

SDG I.D.: GCR73389

The samples in this delivery group were received at 1.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Client Services (860) 645-8726

Temp 1.9° Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☑ Emai ARIEL@AMC-ENGINEERING.COM

Customer:	AMC ENGINEERING PLLC	Project:	3035 White Plains Road, Bx	Project P.O:	
Address:	18-36 42nd Street	Report to:	ARIEL CZEMERINSKI	Phone #:	718 545-0474
	Astoria NY 11105	Invoice to:	AMC ENGINEERING PLLC	Fax #:	516 706-3214

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 9/25/2024

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs (8260)**	1,4-Dioxane**	Tert-Butyl Alcohol**	+	+	+	+	+	+	+	+	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8)oz	GL Soil container (2)oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml
73389	IRMW-7	GW	9/25/2024	1:50pm		X														3				
73390	IRMW-10	GW	9/25/2024	2:49pm		X														3				
73391	IRMW-11	GW	9/25/2024	12:45pm	X	X														9				
73392	IRMW-14	GW	9/25/2024	11:45am		X														3				
73393	Duplicate	GW	9/25/2024	12:46pm		X														3				
73394	Trip Blank	GW	N/A	N/A		X														2				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9/26/24	2:45pm
[signature]	[signature]	9/26/24	19:10

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ NY 375 GWP
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

PHOENIX
Environmental Laboratories, Inc.

Friday, January 03, 2025

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

Project ID: 3035 WHITE PLAINS ROAD, BX
SDG ID: GCS32429
Sample ID#s: CS32429 - CS32431

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.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

January 03, 2025

SDG I.D.: GCS32429

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.
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NY # 11301

Sample Id Cross Reference

January 03, 2025

SDG I.D.: GCS32429

Project ID: 3035 WHITE PLAINS ROAD, BX

Client Id	Lab Id	Matrix
IRMW-14	CS32429	GROUND WATER
DUPLICATE	CS32430	GROUND WATER
TRIP BLANK	CS32431	GROUND WATER

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 03, 2025

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:		12/18/24	12:30
Location Code:	AMC-ENG	Received by:	SR1	12/19/24	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS32429
Phoenix ID: CS32429

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					12/24/24			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1,1-Trichloroethane	ND	25	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1,2-Trichloroethane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1-Dichloroethane	ND	25	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,3-Trichloropropane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,4-Trimethylbenzene	870	20	5.0	ug/L	20	12/24/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.0	2.5	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dibromoethane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dichlorobenzene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dichloroethane	ND	3.0	2.5	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dichloropropane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,3,5-Trimethylbenzene	75	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,3-Dichlorobenzene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
2-Hexanone	ND	13	13	ug/L	5	12/24/24	MH	SW8260D	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CS32429

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	12/24/24	MH	SW8260D	
Acetone	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	
Acrolein	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	
Acrylonitrile	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	
Benzene	46		3.5	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromobenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromochloromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromoform	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromomethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	B
Carbon Disulfide	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chlorobenzene	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chloroethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chloroform	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chloromethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Dibromomethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Ethylbenzene	400		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Hexachlorobutadiene	ND		2.5	1.0	ug/L	5	12/24/24	MH	SW8260D	
Isopropylbenzene	23		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
m&p-Xylene	680		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Methyl ethyl ketone	ND		13	13	ug/L	5	12/24/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	16		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Methylene chloride	ND		15	5.0	ug/L	5	12/24/24	MH	SW8260D	
Naphthalene	220		5.0	5.0	ug/L	5	12/24/24	MH	SW8260D	
n-Butylbenzene	3.7	J	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
n-Propylbenzene	51		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
o-Xylene	250		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
sec-Butylbenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Styrene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	1
Toluene	210		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	12/24/24	MH	SW8260D	
Trichloroethene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Vinyl chloride	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	12/24/24	MH	70 - 130 %	
% Bromofluorobenzene (5x)	98				%	5	12/24/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CS32429

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane (5x)	101			%	5	12/24/24	MH	70 - 130 %
% Toluene-d8 (5x)	99			%	5	12/24/24	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	12/24/24	MH	70 - 130 %
% Bromofluorobenzene (20x)	96			%	20	12/24/24	MH	70 - 130 %
% Dibromofluoromethane (20x)	104			%	20	12/24/24	MH	70 - 130 %
% Toluene-d8 (20x)	98			%	20	12/24/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

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

Phyllis Shiller, Laboratory Director
January 03, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 03, 2025

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:		12/18/24	12:35
Location Code:	AMC-ENG	Received by:	SR1	12/19/24	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS32429
Phoenix ID: CS32430

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: 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	12/24/24	MH	SW8260D	
1,1,1-Trichloroethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1,2-Trichloroethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1-Dichloroethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1-Dichloroethene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,1-Dichloropropene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,3-Trichloropropane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2,4-Trimethylbenzene	870		20	5.0	ug/L	20	12/24/24	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		5.0	2.5	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dibromoethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dichlorobenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dichloroethane	ND		3.0	2.5	ug/L	5	12/24/24	MH	SW8260D	
1,2-Dichloropropane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,3,5-Trimethylbenzene	130		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,3-Dichlorobenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,3-Dichloropropane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
1,4-Dichlorobenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
2,2-Dichloropropane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
2-Chlorotoluene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
2-Hexanone	ND		13	13	ug/L	5	12/24/24	MH	SW8260D	
2-Isopropyltoluene	1.3	J	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	1
4-Chlorotoluene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	12/24/24	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: DUPLICATE

Phoenix I.D.: CS32430

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	
Acrolein	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	
Acrylonitrile	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	
Benzene	42		3.5	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromobenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromochloromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromoform	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Bromomethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	B
Carbon Disulfide	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chlorobenzene	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chloroethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chloroform	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
Chloromethane	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Dibromomethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Ethylbenzene	530		20	5.0	ug/L	20	12/24/24	MH	SW8260D	
Hexachlorobutadiene	ND		2.5	1.0	ug/L	5	12/24/24	MH	SW8260D	
Isopropylbenzene	34		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
m&p-Xylene	900		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Methyl ethyl ketone	ND		13	13	ug/L	5	12/24/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	16		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Methylene chloride	ND		15	5.0	ug/L	5	12/24/24	MH	SW8260D	
Naphthalene	350		5.0	5.0	ug/L	5	12/24/24	MH	SW8260D	
n-Butylbenzene	6.5		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
n-Propylbenzene	81		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
o-Xylene	320		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
p-Isopropyltoluene	2.8	J	5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
sec-Butylbenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Styrene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	12/24/24	MH	SW8260D	1
Toluene	220		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND		25	1.3	ug/L	5	12/24/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND		2.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	12/24/24	MH	SW8260D	
Trichloroethene	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
Vinyl chloride	ND		5.0	1.3	ug/L	5	12/24/24	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	99				%	5	12/24/24	MH	70 - 130 %	
% Bromofluorobenzene (5x)	99				%	5	12/24/24	MH	70 - 130 %	
% Dibromofluoromethane (5x)	101				%	5	12/24/24	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: DUPLICATE

Phoenix I.D.: CS32430

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	98			%	5	12/24/24	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	100			%	20	12/24/24	MH	70 - 130 %
% Bromofluorobenzene (20x)	97			%	20	12/24/24	MH	70 - 130 %
% Dibromofluoromethane (20x)	102			%	20	12/24/24	MH	70 - 130 %
% Toluene-d8 (20x)	99			%	20	12/24/24	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

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

Phyllis Shiller, Laboratory Director

January 03, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 03, 2025

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:		12/18/24	
Location Code:	AMC-ENG	Received by:	SR1	12/19/24	18:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS32429
Phoenix ID: CS32431

Project ID: 3035 WHITE PLAINS ROAD, BX
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	12/21/24	HM	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/21/24	HM	SW8260D	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/21/24	HM	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/21/24	HM	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/21/24	HM	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: TRIP BLANK

Phoenix I.D.: CS32431

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	12/21/24	HM	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/21/24	HM	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/21/24	HM	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/21/24	HM	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Bromomethane	0.31	J	5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	B*
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/21/24	HM	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/21/24	HM	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	12/21/24	HM	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/21/24	HM	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	12/21/24	HM	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	12/21/24	HM	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/21/24	HM	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/21/24	HM	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/21/24	HM	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	12/21/24	HM	70 - 130 %	
% Bromofluorobenzene	96				%	1	12/21/24	HM	70 - 130 %	
% Dibromofluoromethane	100				%	1	12/21/24	HM	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: TRIP BLANK

Phoenix I.D.: CS32431

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	12/21/24	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

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

January 03, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 03, 2025

QA/QC Data

SDG I.D.: GCS32429

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 764591 (ug/L), QC Sample No: CS31324 (CS32429 (20X))											
Volatiles - Ground Water											
1,2,4-Trimethylbenzene	ND	1.0	104	104	0.0				70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0				70 - 130	30	
% Bromofluorobenzene	95	%	102	102	0.0				70 - 130	30	
% Dibromofluoromethane	100	%	108	105	2.8				70 - 130	30	
% Toluene-d8	101	%	102	101	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 763792 (ug/L), QC Sample No: CS32421 (CS32431)											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	115	122	5.9	90	101	11.5	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	111	120	7.8	95	110	14.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	111	118	6.1	85	97	13.2	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	110	118	7.0	93	102	9.2	70 - 130	30	
1,1-Dichloroethane	ND	1.0	106	114	7.3	94	104	10.1	70 - 130	30	
1,1-Dichloroethene	ND	1.0	113	123	8.5	106	116	9.0	70 - 130	30	
1,1-Dichloropropene	ND	1.0	111	119	7.0	101	111	9.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	120	127	5.7	83	101	19.6	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	113	122	7.7	95	108	12.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	118	126	6.6	83	95	13.5	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	114	123	7.6	NC	NC	NC	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	124	129	4.0	86	109	23.6	70 - 130	30	
1,2-Dibromoethane	ND	1.0	112	123	9.4	93	102	9.2	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	109	117	7.1	83	96	14.5	70 - 130	30	
1,2-Dichloroethane	ND	1.0	105	115	9.1	87	97	10.9	70 - 130	30	
1,2-Dichloropropane	ND	1.0	105	114	8.2	89	98	9.6	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	114	124	8.4	NC	NC	NC	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	110	117	6.2	84	97	14.4	70 - 130	30	
1,3-Dichloropropane	ND	1.0	111	118	6.1	89	100	11.6	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	109	119	8.8	84	96	13.3	70 - 130	30	
2,2-Dichloropropane	ND	1.0	111	126	12.7	95	103	8.1	70 - 130	30	
2-Chlorotoluene	ND	1.0	110	120	8.7	85	100	16.2	70 - 130	30	
2-Hexanone	ND	5.0	107	112	4.6	93	103	10.2	70 - 130	30	
2-Isopropyltoluene	ND	1.0	114	125	9.2	89	104	15.5	70 - 130	30	
4-Chlorotoluene	ND	1.0	110	122	10.3	88	101	13.8	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	105	111	5.6	88	99	11.8	70 - 130	30	
Acetone	ND	5.0	101	107	5.8	116	134	14.4	70 - 130	30	m
Acrolein	ND	5.0	102	110	7.5	98	99	1.0	70 - 130	30	
Acrylonitrile	ND	5.0	103	103	0.0	132	130	1.5	70 - 130	30	m
Benzene	ND	0.70	108	118	8.8	92	104	12.2	70 - 130	30	
Bromobenzene	ND	1.0	107	119	10.6	84	94	11.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCS32429

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromochloromethane	ND	1.0	100	110	9.5	85	91	6.8	70 - 130	30	
Bromodichloromethane	ND	0.50	112	122	8.5	91	102	11.4	70 - 130	30	
Bromoform	ND	1.0	116	125	7.5	90	102	12.5	70 - 130	30	
Bromomethane	0.51 J	1.0	115	126	9.1	76	97	24.3	70 - 130	30	
Carbon Disulfide	ND	1.0	116	126	8.3	106	115	8.1	70 - 130	30	
Carbon tetrachloride	ND	1.0	114	125	9.2	100	114	13.1	70 - 130	30	
Chlorobenzene	ND	1.0	111	118	6.1	88	97	9.7	70 - 130	30	
Chloroethane	ND	1.0	112	121	7.7	106	114	7.3	70 - 130	30	
Chloroform	ND	1.0	100	107	6.8	88	92	4.4	70 - 130	30	
Chloromethane	ND	1.0	125	136	8.4	116	126	8.3	70 - 130	30	l
cis-1,2-Dichloroethene	ND	1.0	104	114	9.2	92	98	6.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	116	124	6.7	89	102	13.6	70 - 130	30	
Dibromochloromethane	ND	0.50	119	124	4.1	92	106	14.1	70 - 130	30	
Dibromomethane	ND	1.0	108	115	6.3	90	98	8.5	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	129	142	9.6	121	130	7.2	70 - 130	30	l
Ethylbenzene	ND	1.0	111	121	8.6	NC	NC	NC	70 - 130	30	
Hexachlorobutadiene	ND	0.40	111	120	7.8	77	86	11.0	70 - 130	30	
Isopropylbenzene	ND	1.0	113	124	9.3	104	114	9.2	70 - 130	30	
m&p-Xylene	ND	1.0	114	124	8.4	NC	NC	NC	70 - 130	30	
Methyl ethyl ketone	ND	5.0	102	113	10.2	95	108	12.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	109	115	5.4	87	99	12.9	70 - 130	30	
Methylene chloride	ND	1.0	104	108	3.8	87	94	7.7	70 - 130	30	
Naphthalene	ND	1.0	128	138	7.5	NC	NC	NC	70 - 130	30	l
n-Butylbenzene	ND	1.0	114	125	9.2	105	114	8.2	70 - 130	30	
n-Propylbenzene	ND	1.0	114	123	7.6	134	132	1.5	70 - 130	30	m
o-Xylene	ND	1.0	113	121	6.8	NC	NC	NC	70 - 130	30	
p-Isopropyltoluene	ND	1.0	114	125	9.2	102	115	12.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	114	124	8.4	91	106	15.2	70 - 130	30	
Styrene	ND	1.0	112	125	11.0	98	109	10.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	114	123	7.6	92	106	14.1	70 - 130	30	
Tetrachloroethene	ND	1.0	113	120	6.0	95	107	11.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	103	113	9.3	71	87	20.3	70 - 130	30	
Toluene	ND	1.0	110	119	7.9	NC	NC	NC	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	106	107	0.9	93	100	7.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	116	125	7.5	90	102	12.5	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	129	137	6.0	81	104	24.9	70 - 130	30	l
Trichloroethene	ND	1.0	107	118	9.8	97	104	7.0	70 - 130	30	
Trichlorofluoromethane	ND	1.0	115	123	6.7	113	121	6.8	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	113	122	7.7	106	110	3.7	70 - 130	30	
Vinyl chloride	ND	1.0	115	125	8.3	110	116	5.3	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	101	100	1.0	99	100	1.0	70 - 130	30	
% Bromofluorobenzene	96	%	102	100	2.0	105	105	0.0	70 - 130	30	
% Dibromofluoromethane	102	%	101	102	1.0	94	99	5.2	70 - 130	30	
% Toluene-d8	99	%	101	100	1.0	98	99	1.0	70 - 130	30	

QA/QC Batch 764603 (ug/L), QC Sample No: CS32429 (CS32429 (5X) , CS32430 (5X, 20X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	110	107	2.8	101	115	13.0	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	102	98	4.0	104	115	10.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	102	99	3.0	94	100	6.2	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	105	102	2.9	100	105	4.9	70 - 130	30	
1,1-Dichloroethane	ND	1.0	99	98	1.0	96	108	11.8	70 - 130	30	
1,1-Dichloroethene	ND	1.0	94	92	2.2	99	109	9.6	70 - 130	30	

QA/QC Data

SDG I.D.: GCS32429

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloropropene	ND	1.0	100	93	7.3	101	110	8.5	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	114	109	4.5	106	116	9.0	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	98	100	2.0	96	103	7.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	112	110	1.8	107	115	7.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	107	103	3.8	NC	NC	NC	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	117	114	2.6	111	117	5.3	70 - 130	30	
1,2-Dibromoethane	ND	1.0	107	104	2.8	95	108	12.8	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	103	101	2.0	96	104	8.0	70 - 130	30	
1,2-Dichloroethane	ND	1.0	105	98	6.9	95	103	8.1	70 - 130	30	
1,2-Dichloropropane	ND	1.0	99	93	6.3	92	100	8.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	107	103	3.8	100	108	7.7	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	103	101	2.0	97	106	8.9	70 - 130	30	
1,3-Dichloropropane	ND	1.0	103	101	2.0	94	104	10.1	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	103	100	3.0	97	104	7.0	70 - 130	30	
2,2-Dichloropropane	ND	1.0	105	98	6.9	91	95	4.3	70 - 130	30	
2-Chlorotoluene	ND	1.0	106	100	5.8	98	107	8.8	70 - 130	30	
2-Hexanone	ND	5.0	103	101	2.0	95	103	8.1	70 - 130	30	
2-Isopropyltoluene	ND	1.0	106	102	3.8	102	113	10.2	70 - 130	30	
4-Chlorotoluene	ND	1.0	105	102	2.9	96	105	9.0	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	102	97	5.0	101	105	3.9	70 - 130	30	
Acetone	ND	5.0	101	99	2.0	117	123	5.0	70 - 130	30	
Acrolein	ND	5.0	94	92	2.2	83	90	8.1	70 - 130	30	
Acrylonitrile	ND	5.0	95	94	1.1	91	101	10.4	70 - 130	30	
Benzene	ND	0.70	103	97	6.0	98	105	6.9	70 - 130	30	
Bromobenzene	ND	1.0	104	101	2.9	95	102	7.1	70 - 130	30	
Bromochloromethane	ND	1.0	99	94	5.2	106	105	0.9	70 - 130	30	
Bromodichloromethane	ND	0.50	105	100	4.9	99	107	7.8	70 - 130	30	
Bromoform	ND	1.0	114	111	2.7	101	111	9.4	70 - 130	30	
Bromomethane	0.58 J	1.0	99	96	3.1	63	87	32.0	70 - 130	30	m,r
Carbon Disulfide	ND	1.0	93	91	2.2	95	106	10.9	70 - 130	30	
Carbon tetrachloride	ND	1.0	102	94	8.2	106	120	12.4	70 - 130	30	
Chlorobenzene	ND	1.0	105	101	3.9	96	104	8.0	70 - 130	30	
Chloroethane	ND	1.0	100	92	8.3	99	116	15.8	70 - 130	30	
Chloroform	ND	1.0	106	95	10.9	113	116	2.6	70 - 130	30	
Chloromethane	ND	1.0	103	99	4.0	108	118	8.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	100	99	1.0	95	108	12.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	107	100	6.8	96	105	9.0	70 - 130	30	
Dibromochloromethane	ND	0.50	113	107	5.5	101	112	10.3	70 - 130	30	
Dibromomethane	ND	1.0	103	96	7.0	94	102	8.2	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	79	74	6.5	95	101	6.1	70 - 130	30	
Ethylbenzene	ND	1.0	106	101	4.8	NC	NC	NC	70 - 130	30	
Hexachlorobutadiene	ND	0.40	100	98	2.0	94	100	6.2	70 - 130	30	
Isopropylbenzene	ND	1.0	105	102	2.9	103	112	8.4	70 - 130	30	
m&p-Xylene	ND	1.0	108	104	3.8	NC	NC	NC	70 - 130	30	
Methyl ethyl ketone	ND	5.0	96	100	4.1	96	107	10.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	103	99	4.0	91	104	13.3	70 - 130	30	
Methylene chloride	ND	1.0	97	95	2.1	88	99	11.8	70 - 130	30	
Naphthalene	ND	1.0	123	119	3.3	NC	NC	NC	70 - 130	30	
n-Butylbenzene	ND	1.0	103	100	3.0	103	113	9.3	70 - 130	30	
n-Propylbenzene	ND	1.0	104	102	1.9	101	106	4.8	70 - 130	30	
o-Xylene	ND	1.0	109	104	4.7	NC	NC	NC	70 - 130	30	
p-Isopropyltoluene	ND	1.0	105	103	1.9	109	117	7.1	70 - 130	30	
sec-Butylbenzene	ND	1.0	103	99	4.0	105	113	7.3	70 - 130	30	

QA/QC Data

SDG I.D.: GCS32429

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Styrene	ND	1.0	111	107	3.7	104	112	7.4	70 - 130	30
tert-Butylbenzene	ND	1.0	104	101	2.9	103	112	8.4	70 - 130	30
Tetrachloroethene	ND	1.0	103	98	5.0	102	112	9.3	70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	103	98	5.0	94	101	7.2	70 - 130	30
Toluene	ND	1.0	106	98	7.8	NC	NC	NC	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	98	94	4.2	90	105	15.4	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	107	103	3.8	97	104	7.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	103	101	2.0	84	92	9.1	70 - 130	30
Trichloroethene	ND	1.0	103	97	6.0	98	106	7.8	70 - 130	30
Trichlorofluoromethane	ND	1.0	91	88	3.4	101	112	10.3	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	94	88	6.6	100	114	13.1	70 - 130	30
Vinyl chloride	ND	1.0	90	86	4.5	97	107	9.8	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	95	%	102	101	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	101	%	103	101	2.0	106	104	1.9	70 - 130	30
% Toluene-d8	98	%	100	98	2.0	100	98	2.0	70 - 130	30

Comment:

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

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

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

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

Phyllis Shiller, Laboratory Director
January 03, 2025

Friday, January 03, 2025

Criteria: NY: 375GWP, DEP EFF

State: NY

Sample Criteria Exceedances Report

GCS32429 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS32429	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	210	5.0	28	28	ug/L
CS32429	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	250	5.0	74	74	ug/L
CS32429	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	220	5.0	19	19	ug/L
CS32429	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	680	5.0	74	74	ug/L
CS32429	$8260DP25R	Ethylbenzene	NY / DEP / Effluent to Sewer Limits	400	5.0	142	142	ug/L
CS32430	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	220	5.0	28	28	ug/L
CS32430	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	320	5.0	74	74	ug/L
CS32430	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	350	5.0	19	19	ug/L
CS32430	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	900	5.0	74	74	ug/L
CS32430	$8260DP25R	Ethylbenzene	NY / DEP / Effluent to Sewer Limits	530	20	142	142	ug/L

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

January 03, 2025

SDG I.D.: GCS32429

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)

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Client Services (860) 645-8726

Temp 1.1° Pg 1 of 1

Data Delivery:
☐ Fax #: WO ITP
☑ Emai ARIEL@AMC-ENGINEERING.COM

Customer:	AMC ENGINEERING PLLC	Project:	3035 White Plains Road, Bx	Project P.O:	
Address:	18-36 42nd Street	Report to:	ARIEL CZEMERINSKI	Phone #:	718 545-0474
	Astoria NY 11105	Invoice to:	AMC ENGINEERING PLLC	Fax #:	516 706-3214

Client Sample - Information - Identification

Sampler's Signature (AE) Date: 12/18/2024

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs (8260)	+	+	+	+	+	+	+	+	+	+	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml
32429	IRMW-14	GW	12/18/2024	12:30pm	X	X														9				
32430	Duplicate	GW	12/18/2024	12:35pm		X														3				
32431	Trip blank	GW	N/A	N/A		X														2				

Relinquished by:	Accepted by:	Date:	Time:
(AE)		12.19.2024	0951
		12/19/24	18:30

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ NY 375 GWP
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

PHOENIX
Environmental Laboratories, Inc.

Friday, February 21, 2025

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

Project ID: 3035 WHITE PLAINS ROAD, BX
SDG ID: GCS62932
Sample ID#s: CS62932 - CS62934

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.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

February 21, 2025

SDG I.D.: GCS62932

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

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

February 21, 2025

SDG I.D.: GCS62932

Project ID: 3035 WHITE PLAINS ROAD, BX

Client Id	Lab Id	Matrix	Col Date
IRMW-14	CS62932	GROUND WATER	02/12/25 12:30
DUPLICATE	CS62933	GROUND WATER	02/12/25 14:30
TRIP BLANK	CS62934	WATER	02/12/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 21, 2025

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:		02/12/25	12:30
Location Code:	AMC-ENG	Received by:	SR1	02/13/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS62932
Phoenix ID: CS62932

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					02/18/25			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,1,2-Trichloroethane	ND	1.0	1.0	ug/L	5	02/18/25	PS	SW8260D	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	5	02/18/25	PS	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,2,4-Trimethylbenzene	340	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	5	02/18/25	PS	SW8260D	
1,2-Dibromoethane	ND	0.50	0.50	ug/L	5	02/18/25	PS	SW8260D	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,2-Dichloroethane	ND	0.50	0.50	ug/L	5	02/18/25	PS	SW8260D	
1,2-Dichloropropane	ND	1.0	1.0	ug/L	5	02/18/25	PS	SW8260D	
1,3,5-Trimethylbenzene	52	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
2-Hexanone	ND	13	13	ug/L	5	02/18/25	PS	SW8260D	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CS62932

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	02/18/25	PS	SW8260D	
Acetone	ND		25	13	ug/L	5	02/18/25	PS	SW8260D	
Acrolein	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Acrylonitrile	ND		5.0	5.0	ug/L	5	02/18/25	PS	SW8260D	
Benzene	30		3.5	1.3	ug/L	5	02/18/25	PS	SW8260D	
Bromobenzene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Bromochloromethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Bromoform	ND		25	1.3	ug/L	5	02/18/25	PS	SW8260D	
Bromomethane	ND		5.0	2.5	ug/L	5	02/18/25	PS	SW8260D	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Chlorobenzene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Chloroethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Chloroform	ND		7.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Chloromethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	5	02/18/25	PS	SW8260D	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Dibromomethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Ethylbenzene	240		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Hexachlorobutadiene	ND		0.50	0.50	ug/L	5	02/18/25	PS	SW8260D	
Isopropylbenzene	10		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
m&p-Xylene	470		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Methyl ethyl ketone	ND		13	13	ug/L	5	02/18/25	PS	SW8260D	
Methyl t-butyl ether (MTBE)	20		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Methylene chloride	ND		5.0	5.0	ug/L	5	02/18/25	PS	SW8260D	
Naphthalene	140		5.0	5.0	ug/L	5	02/18/25	PS	SW8260D	
n-Butylbenzene	1.4	J	5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
n-Propylbenzene	21		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
o-Xylene	200		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
sec-Butylbenzene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Styrene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	02/18/25	PS	SW8260D	1
Toluene	120		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	5	02/18/25	PS	SW8260D	
trans-1,4-dichloro-2-butene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Trichloroethene	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
Vinyl chloride	ND		2.0	1.3	ug/L	5	02/18/25	PS	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	104				%	5	02/18/25	PS	70 - 130 %	
% Bromofluorobenzene (5x)	97				%	5	02/18/25	PS	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CS62932

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane (5x)	100			%	5	02/18/25	PS	70 - 130 %
% Toluene-d8 (5x)	99			%	5	02/18/25	PS	70 - 130 %

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
February 21, 2025
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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 21, 2025

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:		02/12/25	14:30
Location Code:	AMC-ENG	Received by:	SR1	02/13/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS62932
Phoenix ID: CS62933

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: 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	02/17/25	PS	SW8260D	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,1,2-Trichloroethane	ND	1.0	1.0	ug/L	5	02/17/25	PS	SW8260D	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	5	02/17/25	PS	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,2,4-Trimethylbenzene	400	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	5	02/17/25	PS	SW8260D	
1,2-Dibromoethane	ND	0.50	0.50	ug/L	5	02/17/25	PS	SW8260D	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,2-Dichloroethane	ND	0.50	0.50	ug/L	5	02/17/25	PS	SW8260D	
1,2-Dichloropropane	ND	1.0	1.0	ug/L	5	02/17/25	PS	SW8260D	
1,3,5-Trimethylbenzene	48	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
2-Hexanone	ND	13	13	ug/L	5	02/17/25	PS	SW8260D	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	02/17/25	PS	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: DUPLICATE

Phoenix I.D.: CS62933

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	20	JS	25	13	ug/L	5	02/17/25	PS	SW8260D	
Acrolein	ND		5.0	5.0	ug/L	5	02/17/25	PS	SW8260D	
Acrylonitrile	ND		5.0	5.0	ug/L	5	02/17/25	PS	SW8260D	
Benzene	28		3.5	1.3	ug/L	5	02/17/25	PS	SW8260D	
Bromobenzene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Bromochloromethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Bromoform	ND		25	1.3	ug/L	5	02/17/25	PS	SW8260D	
Bromomethane	ND		5.0	2.5	ug/L	5	02/17/25	PS	SW8260D	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Chlorobenzene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Chloroethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Chloroform	ND		7.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Chloromethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	5	02/17/25	PS	SW8260D	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Dibromomethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Ethylbenzene	250		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Hexachlorobutadiene	ND		0.50	0.50	ug/L	5	02/17/25	PS	SW8260D	
Isopropylbenzene	14		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
m&p-Xylene	430		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Methyl ethyl ketone	ND		13	13	ug/L	5	02/17/25	PS	SW8260D	
Methyl t-butyl ether (MTBE)	18		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Methylene chloride	ND		5.0	5.0	ug/L	5	02/17/25	PS	SW8260D	
Naphthalene	190		5.0	5.0	ug/L	5	02/17/25	PS	SW8260D	
n-Butylbenzene	2.5	J	5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
n-Propylbenzene	31		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
o-Xylene	170		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
sec-Butylbenzene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Styrene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	02/17/25	PS	SW8260D	1
Toluene	89		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	5	02/17/25	PS	SW8260D	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	5	02/17/25	PS	SW8260D	
Trichloroethene	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
Vinyl chloride	ND		2.0	1.3	ug/L	5	02/17/25	PS	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	102				%	5	02/17/25	PS	70 - 130 %	
% Bromofluorobenzene (5x)	97				%	5	02/17/25	PS	70 - 130 %	
% Dibromofluoromethane (5x)	95				%	5	02/17/25	PS	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: DUPLICATE

Phoenix I.D.: CS62933

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	97			%	5	02/17/25	PS	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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.

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

February 21, 2025

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 21, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		02/12/25	
Location Code:	AMC-ENG	Received by:	SR1	02/13/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS62932
Phoenix ID: CS62934

Project ID: 3035 WHITE PLAINS ROAD, BX
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	02/14/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/14/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/14/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/14/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/14/25	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: TRIP BLANK

Phoenix I.D.: CS62934

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	4.1	JS	5.0	2.5	ug/L	1	02/14/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	02/14/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/14/25	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	02/14/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	02/14/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/14/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/14/25	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/14/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/14/25	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	02/14/25	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/14/25	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/14/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/14/25	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/14/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	02/14/25	MH	70 - 130 %	
% Bromofluorobenzene	93				%	1	02/14/25	MH	70 - 130 %	
% Dibromofluoromethane	104				%	1	02/14/25	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: TRIP BLANK

Phoenix I.D.: CS62934

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	02/14/25	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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

February 21, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX
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Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 21, 2025

QA/QC Data

SDG I.D.: GCS62932

QA/QC Batch 771479 (ug/L), QC Sample No: CS62932 (CS62932 (5X))

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	109	2.8	114	101	12.1	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	86	96	11.0	107	91	16.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	92	97	5.3	99	88	11.8	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	98	101	3.0	108	93	14.9	70 - 130	30	
1,1-Dichloroethane	ND	1.0	97	97	0.0	106	95	10.9	70 - 130	30	
1,1-Dichloroethene	ND	1.0	91	92	1.1	104	99	4.9	70 - 130	30	
1,1-Dichloropropene	ND	1.0	93	96	3.2	104	96	8.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	106	110	3.7	110	108	1.8	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	91	87	4.5	92	82	11.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	107	112	4.6	109	110	0.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	100	104	3.9	NC	NC	NC	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	99	106	6.8	111	103	7.5	70 - 130	30	
1,2-Dibromoethane	ND	1.0	100	104	3.9	112	97	14.4	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	100	103	3.0	102	97	5.0	70 - 130	30	
1,2-Dichloroethane	ND	1.0	92	96	4.3	103	93	10.2	70 - 130	30	
1,2-Dichloropropane	ND	1.0	93	94	1.1	98	90	8.5	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	101	104	2.9	NC	NC	NC	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	101	104	2.9	102	98	4.0	70 - 130	30	
1,3-Dichloropropane	ND	1.0	94	98	4.2	104	92	12.2	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	100	103	3.0	101	95	6.1	70 - 130	30	
2,2-Dichloropropane	ND	1.0	89	99	10.6	98	81	19.0	70 - 130	30	
2-Chlorotoluene	ND	1.0	101	104	2.9	105	98	6.9	70 - 130	30	
2-Hexanone	ND	5.0	79	86	8.5	93	81	13.8	70 - 130	30	
2-Isopropyltoluene	ND	1.0	100	105	4.9	107	103	3.8	70 - 130	30	
4-Chlorotoluene	ND	1.0	99	103	4.0	102	96	6.1	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	85	88	3.5	95	84	12.3	70 - 130	30	
Acetone	ND	5.0	83	86	3.6	105	97	7.9	70 - 130	30	
Acrolein	ND	5.0	109	113	3.6	119	105	12.5	70 - 130	30	
Acrylonitrile	ND	5.0	82	78	5.0	86	79	8.5	70 - 130	30	
Benzene	ND	0.70	97	101	4.0	<10	<10	NC	70 - 130	30	m
Bromobenzene	ND	1.0	101	106	4.8	105	97	7.9	70 - 130	30	
Bromochloromethane	ND	1.0	89	114	24.6	93	84	10.2	70 - 130	30	
Bromodichloromethane	ND	0.50	97	99	2.0	103	93	10.2	70 - 130	30	
Bromoform	ND	1.0	105	108	2.8	110	101	8.5	70 - 130	30	
Bromomethane	ND	1.0	105	105	0.0	105	104	1.0	70 - 130	30	
Carbon Disulfide	ND	1.0	97	99	2.0	108	99	8.7	70 - 130	30	
Carbon tetrachloride	ND	1.0	74	83	11.5	95	81	15.9	70 - 130	30	
Chlorobenzene	ND	1.0	102	105	2.9	106	97	8.9	70 - 130	30	
Chloroethane	ND	1.0	104	102	1.9	116	107	8.1	70 - 130	30	
Chloroform	ND	1.0	76	95	22.2	84	74	12.7	70 - 130	30	
Chloromethane	ND	1.0	102	105	2.9	117	103	12.7	70 - 130	30	

QA/QC Data

SDG I.D.: GCS62932

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,2-Dichloroethene	ND	1.0	103	96	7.0	107	97	9.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	100	100	0.0	103	91	12.4	70 - 130	30	
Dibromochloromethane	ND	0.50	106	107	0.9	113	100	12.2	70 - 130	30	
Dibromomethane	ND	1.0	97	98	1.0	102	94	8.2	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	99	99	0.0	111	107	3.7	70 - 130	30	
Ethylbenzene	ND	1.0	102	106	3.8	NC	NC	NC	70 - 130	30	
Hexachlorobutadiene	ND	0.40	100	105	4.9	101	100	1.0	70 - 130	30	
Isopropylbenzene	ND	1.0	99	104	4.9	66	60	9.5	70 - 130	30	m
m&p-Xylene	ND	1.0	102	105	2.9	NC	NC	NC	70 - 130	30	
Methyl ethyl ketone	ND	5.0	78	85	8.6	98	76	25.3	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	92	92	0.0	19	<10	NC	70 - 130	30	m
Methylene chloride	ND	1.0	96	94	2.1	101	92	9.3	70 - 130	30	
Naphthalene	ND	1.0	91	95	4.3	NC	NC	NC	70 - 130	30	
n-Butylbenzene	ND	1.0	96	100	4.1	92	92	0.0	70 - 130	30	
n-Propylbenzene	ND	1.0	98	104	5.9	19	17	11.1	70 - 130	30	m
o-Xylene	ND	1.0	104	107	2.8	NC	NC	NC	70 - 130	30	
p-Isopropyltoluene	ND	1.0	100	105	4.9	105	103	1.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	96	101	5.1	101	100	1.0	70 - 130	30	
Styrene	ND	1.0	107	107	0.0	114	103	10.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	98	103	5.0	104	100	3.9	70 - 130	30	
Tetrachloroethene	ND	1.0	106	107	0.9	109	103	5.7	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	65	88	30.1	91	75	19.3	70 - 130	30	l
Toluene	ND	1.0	100	101	1.0	NC	NC	NC	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	94	97	3.1	105	95	10.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	98	100	2.0	101	91	10.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	89	98	9.6	93	82	12.6	70 - 130	30	
Trichloroethene	ND	1.0	105	108	2.8	114	106	7.3	70 - 130	30	
Trichlorofluoromethane	ND	1.0	94	94	0.0	112	100	11.3	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	96	98	2.1	106	102	3.8	70 - 130	30	
Vinyl chloride	ND	1.0	100	105	4.9	118	108	8.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	98	%	101	101	0.0	100	101	1.0	70 - 130	30	
% Bromofluorobenzene	94	%	98	99	1.0	100	100	0.0	70 - 130	30	
% Dibromofluoromethane	96	%	90	101	11.5	102	97	5.0	70 - 130	30	
% Toluene-d8	97	%	100	98	2.0	97	97	0.0	70 - 130	30	

QA/QC Batch 771325 (ug/L), QC Sample No: CS62933 (CS62933 (5X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	106	109	2.8				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	99	101	2.0				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	97	98	1.0				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	99	101	2.0				70 - 130	30	
1,1-Dichloroethane	ND	1.0	98	100	2.0				70 - 130	30	
1,1-Dichloroethene	ND	1.0	94	101	7.2				70 - 130	30	
1,1-Dichloropropene	ND	1.0	96	98	2.1				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	116	117	0.9				70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	94	96	2.1				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	117	116	0.9				70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	102	104	1.9				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	111	114	2.7				70 - 130	30	
1,2-Dibromoethane	ND	1.0	106	107	0.9				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	103	106	2.9				70 - 130	30	
1,2-Dichloroethane	ND	1.0	97	95	2.1				70 - 130	30	
1,2-Dichloropropane	ND	1.0	91	92	1.1				70 - 130	30	

QA/QC Data

SDG I.D.: GCS62932

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3,5-Trimethylbenzene	ND	1.0	105	106	0.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	104	106	1.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	99	101	2.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	103	104	1.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	97	99	2.0				70 - 130	30
2-Chlorotoluene	ND	1.0	103	104	1.0				70 - 130	30
2-Hexanone	ND	5.0	92	95	3.2				70 - 130	30
2-Isopropyltoluene	ND	1.0	108	108	0.0				70 - 130	30
4-Chlorotoluene	ND	1.0	102	102	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	91	91	0.0				70 - 130	30
Acetone	ND	5.0	94	95	1.1				70 - 130	30
Acrolein	ND	5.0	118	118	0.0				70 - 130	30
Acrylonitrile	ND	5.0	87	85	2.3				70 - 130	30
Benzene	ND	0.70	96	97	1.0				70 - 130	30
Bromobenzene	ND	1.0	104	106	1.9				70 - 130	30
Bromochloromethane	ND	1.0	88	90	2.2				70 - 130	30
Bromodichloromethane	ND	0.50	99	98	1.0				70 - 130	30
Bromoform	ND	1.0	112	116	3.5				70 - 130	30
Bromomethane	ND	1.0	106	109	2.8				70 - 130	30
Carbon Disulfide	ND	1.0	98	103	5.0				70 - 130	30
Carbon tetrachloride	ND	1.0	86	92	6.7				70 - 130	30
Chlorobenzene	ND	1.0	101	104	2.9				70 - 130	30
Chloroethane	ND	1.0	100	109	8.6				70 - 130	30
Chloroform	ND	1.0	78	80	2.5				70 - 130	30
Chloromethane	ND	1.0	103	107	3.8				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	97	105	7.9				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	100	99	1.0				70 - 130	30
Dibromochloromethane	ND	0.50	107	111	3.7				70 - 130	30
Dibromomethane	ND	1.0	97	97	0.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	109	110	0.9				70 - 130	30
Ethylbenzene	ND	1.0	105	107	1.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	111	112	0.9				70 - 130	30
Isopropylbenzene	ND	1.0	105	109	3.7				70 - 130	30
m&p-Xylene	ND	1.0	104	107	2.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	85	92	7.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	100	3.0				70 - 130	30
Methylene chloride	ND	1.0	95	95	0.0				70 - 130	30
Naphthalene	ND	1.0	103	102	1.0				70 - 130	30
n-Butylbenzene	ND	1.0	103	104	1.0				70 - 130	30
n-Propylbenzene	ND	1.0	104	103	1.0				70 - 130	30
o-Xylene	ND	1.0	106	108	1.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	106	108	1.9				70 - 130	30
sec-Butylbenzene	ND	1.0	105	105	0.0				70 - 130	30
Styrene	ND	1.0	104	112	7.4				70 - 130	30
tert-Butylbenzene	ND	1.0	106	106	0.0				70 - 130	30
Tetrachloroethene	ND	1.0	110	111	0.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	90	90	0.0				70 - 130	30
Toluene	ND	1.0	99	100	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	98	101	3.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	101	100	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	105	104	1.0				70 - 130	30
Trichloroethene	ND	1.0	106	106	0.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	104	106	1.9				70 - 130	30

QA/QC Data

SDG I.D.: GCS62932

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorotrifluoroethane	ND	1.0	105	109	3.7				70 - 130	30
Vinyl chloride	ND	1.0	106	109	2.8				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	100	0.0				70 - 130	30
% Bromofluorobenzene	94	%	97	97	0.0				70 - 130	30
% Dibromofluoromethane	107	%	106	105	0.9				70 - 130	30
% Toluene-d8	97	%	97	97	0.0				70 - 130	30

Comment:

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

QA/QC Batch 771098 (ug/L), QC Sample No: CS62934 (CS62934)

Volatiles - Water

1,1,1,2-Tetrachloroethane	ND	1.0	103	105	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	93	98	5.2				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	93	95	2.1				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	98	100	2.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	100	119	17.4				70 - 130	30
1,1-Dichloroethene	ND	1.0	96	117	19.7				70 - 130	30
1,1-Dichloropropene	ND	1.0	92	78	16.5				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	101	106	4.8				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	89	94	5.5				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	100	107	6.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	96	99	3.1				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	97	96	1.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	100	103	3.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	96	100	4.1				70 - 130	30
1,2-Dichloroethane	ND	1.0	96	87	9.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	93	95	2.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	97	101	4.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	95	102	7.1				70 - 130	30
1,3-Dichloropropane	ND	1.0	96	97	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	96	98	2.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	88	103	15.7				70 - 130	30
2-Chlorotoluene	ND	1.0	94	99	5.2				70 - 130	30
2-Hexanone	ND	5.0	85	88	3.5				70 - 130	30
2-Isopropyltoluene	ND	1.0	97	100	3.0				70 - 130	30
4-Chlorotoluene	ND	1.0	94	100	6.2				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	89	88	1.1				70 - 130	30
Acetone	ND	5.0	96	110	13.6				70 - 130	30
Acrolein	ND	5.0	116	138	17.3				70 - 130	30
Acrylonitrile	ND	5.0	87	104	17.8				70 - 130	30
Benzene	ND	0.70	97	79	20.5				70 - 130	30
Bromobenzene	ND	1.0	95	100	5.1				70 - 130	30
Bromochloromethane	ND	1.0	91	105	14.3				70 - 130	30
Bromodichloromethane	ND	0.50	98	99	1.0				70 - 130	30
Bromoform	ND	1.0	107	106	0.9				70 - 130	30
Bromomethane	ND	1.0	106	120	12.4				70 - 130	30
Carbon Disulfide	ND	1.0	100	121	19.0				70 - 130	30
Carbon tetrachloride	ND	1.0	79	90	13.0				70 - 130	30
Chlorobenzene	ND	1.0	97	100	3.0				70 - 130	30
Chloroethane	ND	1.0	103	117	12.7				70 - 130	30
Chloroform	ND	1.0	78	93	17.5				70 - 130	30
Chloromethane	ND	1.0	105	124	16.6				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	99	122	20.8				70 - 130	30

QA/QC Data

SDG I.D.: GCS62932

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.40	97	99	2.0				70 - 130	30
Dibromochloromethane	ND	0.50	104	105	1.0				70 - 130	30
Dibromomethane	ND	1.0	97	97	0.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	97	112	14.4				70 - 130	30
Ethylbenzene	ND	1.0	100	105	4.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	92	98	6.3				70 - 130	30
Isopropylbenzene	ND	1.0	97	101	4.0				70 - 130	30
m&p-Xylene	ND	1.0	100	102	2.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	80	79	1.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	115	17.0				70 - 130	30
Methylene chloride	ND	1.0	98	119	19.4				70 - 130	30
Naphthalene	ND	1.0	88	92	4.4				70 - 130	30
n-Butylbenzene	ND	1.0	92	95	3.2				70 - 130	30
n-Propylbenzene	ND	1.0	96	99	3.1				70 - 130	30
o-Xylene	ND	1.0	102	103	1.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	96	99	3.1				70 - 130	30
sec-Butylbenzene	ND	1.0	93	97	4.2				70 - 130	30
Styrene	ND	1.0	107	106	0.9				70 - 130	30
tert-Butylbenzene	ND	1.0	95	99	4.1				70 - 130	30
Tetrachloroethene	ND	1.0	99	102	3.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	84	80	4.9				70 - 130	30
Toluene	ND	1.0	96	98	2.1				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	99	116	15.8				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	98	99	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	83	81	2.4				70 - 130	30
Trichloroethene	ND	1.0	99	103	4.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	97	112	14.4				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	95	114	18.2				70 - 130	30
Vinyl chloride	ND	1.0	102	117	13.7				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	101	1.0				70 - 130	30
% Bromofluorobenzene	95	%	101	100	1.0				70 - 130	30
% Dibromofluoromethane	101	%	98	101	3.0				70 - 130	30
% Toluene-d8	96	%	98	97	1.0				70 - 130	30

Comment:

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

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

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
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
February 21, 2025

Friday, February 21, 2025

Criteria: NY: DEP EFF, GW

State: NY

Sample Criteria Exceedances Report

GCS62932 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS62932	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	120	5.0	28	28	ug/L
CS62932	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	470	5.0	74	74	ug/L
CS62932	$8260DP25R	Ethylbenzene	NY / DEP / Effluent to Sewer Limits	240	5.0	142	142	ug/L
CS62932	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	140	5.0	19	19	ug/L
CS62932	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	200	5.0	74	74	ug/L
CS62932	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	140	5.0	10	10	ug/L
CS62932	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	140	5.0	5	5	ug/L
CS62932	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	120	5.0	5	5	ug/L
CS62932	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	240	5.0	5	5	ug/L
CS62932	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	200	5.0	5	5	ug/L
CS62932	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	30	3.5	0.7	0.7	ug/L
CS62932	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	52	5.0	5	5	ug/L
CS62932	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	340	5.0	5	5	ug/L
CS62932	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CS62932	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	10	5.0	5	5	ug/L
CS62932	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	240	5.0	5	5	ug/L
CS62932	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	140	5.0	10	10	ug/L
CS62932	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CS62932	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CS62932	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	200	5.0	5	5	ug/L
CS62932	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CS62932	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	120	5.0	5	5	ug/L
CS62932	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	21	5.0	5	5	ug/L
CS62932	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	30	3.5	1	1	ug/L
CS62932	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CS62933	$8260DP25R	Ethylbenzene	NY / DEP / Effluent to Sewer Limits	250	5.0	142	142	ug/L
CS62933	$8260DP25R	m&p-Xylene	NY / DEP / Effluent to Sewer Limits	430	5.0	74	74	ug/L
CS62933	$8260DP25R	Naphthalene	NY / DEP / Effluent to Sewer Limits	190	5.0	19	19	ug/L
CS62933	$8260DP25R	o-Xylene	NY / DEP / Effluent to Sewer Limits	170	5.0	74	74	ug/L
CS62933	$8260DP25R	Toluene	NY / DEP / Effluent to Sewer Limits	89	5.0	28	28	ug/L
CS62933	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	190	5.0	10	10	ug/L
CS62933	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	28	3.5	0.7	0.7	ug/L
CS62933	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	190	5.0	5	5	ug/L
CS62933	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	170	5.0	5	5	ug/L
CS62933	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	89	5.0	5	5	ug/L
CS62933	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	250	5.0	5	5	ug/L
CS62933	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CS62933	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	14	5.0	5	5	ug/L
CS62933	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CS62933	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	89	5.0	5	5	ug/L
CS62933	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	170	5.0	5	5	ug/L

Friday, February 21, 2025

Criteria: NY: DEP EFF, GW

State: NY

Sample Criteria Exceedances Report

GCS62932 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS62933	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CS62933	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	190	5.0	10	10	ug/L
CS62933	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	400	5.0	5	5	ug/L
CS62933	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	250	5.0	5	5	ug/L
CS62933	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CS62933	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	28	3.5	1	1	ug/L
CS62933	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	48	5.0	5	5	ug/L
CS62933	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CS62933	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	31	5.0	5	5	ug/L
CS62934	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CS62934	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CS62934	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

NY Temperature Narration

February 21, 2025

SDG I.D.: GCS62932

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Client Services (860) 645-8726

Temp 17 Pg 1 of 1

Data Delivery: WP
☐ Fax #:
☑ Emai ARIEL@AMC-ENGINEERING.COM

Customer: AMC ENGINEERING PLLC
Address: 18-36 42nd Street
Astoria NY 11105

Project: 3035 White Plains Road, Bx
Report to: ARIEL CZEMERINSKI
Invoice to: AMC ENGINEERING PLLC

Project P.O:
Phone #: 718 545-0474
Fax #: 516 706-3214

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2/12/2025

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs (8260)	+	+	+	+	+	+	+	+	+	+	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml
62932	IRMW-14	GW	2/12/2025	12:30 PM	X	X														9				
62933	Duplicate	GW	2/12/2025	2:30 PM		X														3				
62934	Trip blank	GW	N/A	N/A		X														2				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/13/25	1400
[signature]	[signature]	2/13/25	17:00

Comments, Special Requirements or Regulations: 12/6/24 per custody seal (KH)

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ TOGS 1.1.1
☐ NY 375 GWP
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

PHOENIX
Environmental Laboratories, Inc.

Thursday, May 08, 2025

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

Project ID: 3035 WHITE PLAINS ROAD, BX
SDG ID: GCT14536
Sample ID#s: CT14536 - CT14538

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.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

May 08, 2025

SDG I.D.: GCT14536

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

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

NY # 11301

Sample Id Cross Reference

May 08, 2025

SDG I.D.: GCT14536

Project ID: 3035 WHITE PLAINS ROAD, BX

Client Id	Lab Id	Matrix	Col Date
IRMW-14	CT14536	GROUND WATER	04/24/25 14:45
DUPLICATE	CT14537	GROUND WATER	04/24/25 14:46
TRIP BLANK	CT14538	WATER	04/24/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 08, 2025

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:		04/24/25	14:45
Location Code:	AMC-ENG	Received by:	CP	04/25/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT14536
Phoenix ID: CT14536

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					05/02/25			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,4-Trimethylbenzene	360	10	2.5	ug/L	10	05/02/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,3,5-Trimethylbenzene	21	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	
2-Isopropyltoluene	1.2	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CT14536

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	
Acetone	ND		5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	
Benzene	22		0.70	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	05/01/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
cis-1,2-Dichloroethene	0.35	J	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Ethylbenzene	300		10	2.5	ug/L	10	05/02/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	05/01/25	MH	SW8260D	
Isopropylbenzene	22		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
m&p-Xylene	390		10	2.5	ug/L	10	05/02/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	4.0		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	05/01/25	MH	SW8260D	
Naphthalene	160		10	10	ug/L	10	05/02/25	MH	SW8260D	
n-Butylbenzene	5.5		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
n-Propylbenzene	53		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
o-Xylene	120		10	2.5	ug/L	10	05/02/25	MH	SW8260D	
p-Isopropyltoluene	2.1		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
sec-Butylbenzene	3.9		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	1
Toluene	34		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	05/01/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	
Trichloroethene	1.1		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	95				%	1	05/01/25	MH	70 - 130 %	
% Bromofluorobenzene	100				%	1	05/01/25	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: IRMW-14

Phoenix I.D.: CT14536

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	92			%	1	05/01/25	MH	70 - 130 %
% Toluene-d8	97			%	1	05/01/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	94			%	10	05/02/25	MH	70 - 130 %
% Bromofluorobenzene (10x)	93			%	10	05/02/25	MH	70 - 130 %
% Dibromofluoromethane (10x)	95			%	10	05/02/25	MH	70 - 130 %
% Toluene-d8 (10x)	97			%	10	05/02/25	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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
May 08, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 08, 2025

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:		04/24/25	14:46
Location Code:	AMC-ENG	Received by:	CP	04/25/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT14536
Phoenix ID: CT14537

Project ID: 3035 WHITE PLAINS ROAD, BX
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	05/01/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2,4-Trimethylbenzene	360	10	2.5	ug/L	10	05/02/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/01/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.50	ug/L	1	05/01/25	MH	SW8260D	
1,3,5-Trimethylbenzene	25	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	
2-Isopropyltoluene	1.4	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: DUPLICATE

Phoenix I.D.: CT14537

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	
Benzene	25	0.70	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Bromomethane	ND	5.0	0.50	ug/L	1	05/01/25	MH	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/25	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Ethylbenzene	300	10	2.5	ug/L	10	05/02/25	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/01/25	MH	SW8260D	
Isopropylbenzene	27	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
m&p-Xylene	380	10	2.5	ug/L	10	05/02/25	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	4.2	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	05/01/25	MH	SW8260D	
Naphthalene	170	10	10	ug/L	10	05/02/25	MH	SW8260D	
n-Butylbenzene	6.8	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
n-Propylbenzene	64	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
o-Xylene	120	10	2.5	ug/L	10	05/02/25	MH	SW8260D	
p-Isopropyltoluene	2.1	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
sec-Butylbenzene	4.7	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/01/25	MH	SW8260D	1
Toluene	38	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/01/25	MH	SW8260D	
Trichloroethene	ND	1.0	0.50	ug/L	1	05/01/25	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/01/25	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95			%	1	05/01/25	MH	70 - 130 %	
% Bromofluorobenzene	98			%	1	05/01/25	MH	70 - 130 %	
% Dibromofluoromethane	91			%	1	05/01/25	MH	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: DUPLICATE

Phoenix I.D.: CT14537

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	05/01/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	94			%	10	05/02/25	MH	70 - 130 %
% Bromofluorobenzene (10x)	92			%	10	05/02/25	MH	70 - 130 %
% Dibromofluoromethane (10x)	95			%	10	05/02/25	MH	70 - 130 %
% Toluene-d8 (10x)	97			%	10	05/02/25	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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:
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

May 08, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 08, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/24/25	
Location Code:	AMC-ENG	Received by:	CP	04/25/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT14536
Phoenix ID: CT14538

Project ID: 3035 WHITE PLAINS ROAD, BX
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	05/01/25	PS	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	05/01/25	PS	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/01/25	PS	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	05/01/25	PS	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/01/25	PS	SW8260D	

Project ID: 3035 WHITE PLAINS ROAD, BX
Client ID: TRIP BLANK

Phoenix I.D.: CT14538

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	05/01/25	PS	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	05/01/25	PS	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/01/25	PS	SW8260D	
Benzene	ND	0.70	0.25	ug/L	1	05/01/25	PS	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Bromomethane	ND	5.0	0.50	ug/L	1	05/01/25	PS	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/25	PS	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/01/25	PS	SW8260D	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/01/25	PS	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	05/01/25	PS	SW8260D	
Naphthalene	ND	1.0	1.0	ug/L	1	05/01/25	PS	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/01/25	PS	SW8260D	1
Toluene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/01/25	PS	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/01/25	PS	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/01/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	94			%	1	05/01/25	PS	70 - 130 %	
% Bromofluorobenzene	90			%	1	05/01/25	PS	70 - 130 %	
% Dibromofluoromethane	97			%	1	05/01/25	PS	70 - 130 %	

Project ID: 3035 WHITE PLAINS ROAD, BX

Client ID: TRIP BLANK

Phoenix I.D.: CT14538

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	05/01/25	PS	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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

May 08, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 08, 2025

QA/QC Data

SDG I.D.: GCT14536

QA/QC Batch 782870 (ug/L), QC Sample No: CT14536 (CT14536, CT14537, CT14538)

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	105	107	1.9	98	109	10.6	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	103	107	3.8	103	114	10.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	102	100	2.0	91	99	8.4	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	99	101	2.0	105	111	5.6	70 - 130	30	
1,1-Dichloroethane	ND	1.0	104	107	2.8	109	110	0.9	70 - 130	30	
1,1-Dichloroethene	ND	1.0	106	109	2.8	115	115	0.0	70 - 130	30	
1,1-Dichloropropene	ND	1.0	105	108	2.8	109	121	10.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	106	105	0.9	105	115	9.1	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	102	92	10.3	95	100	5.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	107	107	0.0	110	119	7.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	110	110	0.0	NC	NC	NC	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	104	103	1.0	91	101	10.4	70 - 130	30	
1,2-Dibromoethane	ND	1.0	100	101	1.0	96	104	8.0	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	102	102	0.0	99	107	7.8	70 - 130	30	
1,2-Dichloroethane	ND	1.0	100	101	1.0	94	102	8.2	70 - 130	30	
1,2-Dichloropropane	ND	1.0	103	103	0.0	104	110	5.6	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	111	111	0.0	NC	NC	NC	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	107	106	0.9	105	115	9.1	70 - 130	30	
1,3-Dichloropropane	ND	1.0	102	104	1.9	97	103	6.0	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	106	105	0.9	106	117	9.9	70 - 130	30	
2,2-Dichloropropane	ND	1.0	102	101	1.0	85	95	11.1	70 - 130	30	
2-Chlorotoluene	ND	1.0	108	108	0.0	103	111	7.5	70 - 130	30	
2-Hexanone	ND	5.0	91	91	0.0	95	98	3.1	70 - 130	30	
2-Isopropyltoluene	ND	1.0	111	111	0.0	116	124	6.7	70 - 130	30	
4-Chlorotoluene	ND	1.0	108	107	0.9	107	115	7.2	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	92	92	0.0	100	108	7.7	70 - 130	30	
Acetone	ND	5.0	92	94	2.2	NC	NC	NC	70 - 130	30	
Acrolein	ND	5.0	83	83	0.0	118	98	18.5	70 - 130	30	
Acrylonitrile	ND	5.0	92	95	3.2	163	139	15.9	70 - 130	30	m
Benzene	ND	0.70	103	104	1.0	148	129	13.7	70 - 130	30	m
Bromobenzene	ND	1.0	104	102	1.9	98	107	8.8	70 - 130	30	
Bromochloromethane	ND	1.0	99	100	1.0	97	106	8.9	70 - 130	30	
Bromodichloromethane	ND	0.50	102	105	2.9	96	106	9.9	70 - 130	30	
Bromoform	ND	1.0	102	104	1.9	93	104	11.2	70 - 130	30	
Bromomethane	ND	1.0	117	118	0.9	50	76	41.3	70 - 130	30	m,r
Carbon Disulfide	ND	1.0	105	108	2.8	116	117	0.9	70 - 130	30	
Carbon tetrachloride	ND	1.0	109	109	0.0	117	113	3.5	70 - 130	30	
Chlorobenzene	ND	1.0	103	104	1.0	106	113	6.4	70 - 130	30	
Chloroethane	ND	1.0	111	116	4.4	111	126	12.7	70 - 130	30	
Chloroform	ND	1.0	102	102	0.0	107	111	3.7	70 - 130	30	
Chloromethane	ND	1.0	106	111	4.6	109	122	11.3	70 - 130	30	

QA/QC Data

SDG I.D.: GCT14536

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,2-Dichloroethene	ND	1.0	103	104	1.0	104	112	7.4	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	103	105	1.9	95	106	10.9	70 - 130	30	
Dibromochloromethane	ND	0.50	107	108	0.9	95	108	12.8	70 - 130	30	
Dibromomethane	ND	1.0	97	99	2.0	93	103	10.2	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	117	119	1.7	124	133	7.0	70 - 130	30	m
Ethylbenzene	ND	1.0	106	108	1.9	NC	NC	NC	70 - 130	30	
Hexachlorobutadiene	ND	0.40	108	110	1.8	102	112	9.3	70 - 130	30	
Isopropylbenzene	ND	1.0	112	112	0.0	NC	NC	NC	70 - 130	30	
m&p-Xylene	ND	1.0	107	109	1.9	NC	NC	NC	70 - 130	30	
Methyl ethyl ketone	ND	5.0	92	88	4.4	162	143	12.5	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	99	101	2.0	100	98	2.0	70 - 130	30	
Methylene chloride	ND	1.0	98	101	3.0	98	100	2.0	70 - 130	30	
Naphthalene	ND	1.0	112	110	1.8	NC	NC	NC	70 - 130	30	
n-Butylbenzene	ND	1.0	112	114	1.8	154	145	6.0	70 - 130	30	m
n-Propylbenzene	ND	1.0	109	110	0.9	NC	NC	NC	70 - 130	30	
o-Xylene	ND	1.0	105	106	0.9	NC	NC	NC	70 - 130	30	
p-Isopropyltoluene	ND	1.0	110	112	1.8	171	165	3.6	70 - 130	30	m
sec-Butylbenzene	ND	1.0	111	113	1.8	138	136	1.5	70 - 130	30	m
Styrene	ND	1.0	106	108	1.9	113	117	3.5	70 - 130	30	
tert-Butylbenzene	ND	1.0	109	110	0.9	116	124	6.7	70 - 130	30	
Tetrachloroethene	ND	1.0	102	105	2.9	109	118	7.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	91	92	1.1	80	86	7.2	70 - 130	30	
Toluene	ND	1.0	103	104	1.0	NC	NC	NC	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	101	105	3.9	108	109	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	102	103	1.0	92	101	9.3	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	112	116	3.5	81	93	13.8	70 - 130	30	
Trichloroethene	ND	1.0	102	105	2.9	101	109	7.6	70 - 130	30	
Trichlorofluoromethane	ND	1.0	118	120	1.7	126	129	2.4	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	114	119	4.3	126	125	0.8	70 - 130	30	
Vinyl chloride	ND	1.0	110	114	3.6	115	117	1.7	70 - 130	30	
% 1,2-dichlorobenzene-d4	96	%	96	94	2.1	91	92	1.1	70 - 130	30	
% Bromofluorobenzene	91	%	95	96	1.0	102	98	4.0	70 - 130	30	
% Dibromofluoromethane	94	%	95	96	1.0	97	94	3.1	70 - 130	30	
% Toluene-d8	97	%	97	97	0.0	97	96	1.0	70 - 130	30	

QA/QC Batch 783103 (ug/L), QC Sample No: CT14537 (CT14536 (10X) , CT14537 (10X))

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	105	107	1.9				70 - 130	30	
Ethylbenzene	ND	1.0	104	106	1.9				70 - 130	30	
m&p-Xylene	ND	1.0	105	107	1.9				70 - 130	30	
Naphthalene	ND	1.0	107	106	0.9				70 - 130	30	
o-Xylene	ND	1.0	103	105	1.9				70 - 130	30	
% 1,2-dichlorobenzene-d4	93	%	94	94	0.0				70 - 130	30	
% Bromofluorobenzene	90	%	96	95	1.0				70 - 130	30	
% Dibromofluoromethane	94	%	94	95	1.1				70 - 130	30	
% Toluene-d8	96	%	96	96	0.0				70 - 130	30	

Comment:

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

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

QA/QC Data

SDG I.D.: GCT14536

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
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
May 08, 2025

Thursday, May 08, 2025

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCT14536 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT14536	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	160	10	10	10	ug/L
CT14536	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	34	1.0	5	5	ug/L
CT14536	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	22	0.70	0.7	0.7	ug/L
CT14536	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	300	10	5	5	ug/L
CT14536	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	160	10	5	5	ug/L
CT14536	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	120	10	5	5	ug/L
CT14536	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	300	10	5	5	ug/L
CT14536	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	120	10	5	5	ug/L
CT14536	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	34	1.0	5	5	ug/L
CT14536	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CT14536	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	53	1.0	5	5	ug/L
CT14536	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.5	1.0	5	5	ug/L
CT14536	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	160	10	10	10	ug/L
CT14536	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	22	1.0	5	5	ug/L
CT14536	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	22	0.70	1	1	ug/L
CT14536	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5	ug/L
CT14536	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT14536	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CT14536	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	360	10	5	5	ug/L
CT14537	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	170	10	10	10	ug/L
CT14537	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	25	0.70	0.7	0.7	ug/L
CT14537	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	170	10	5	5	ug/L
CT14537	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	120	10	5	5	ug/L
CT14537	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	38	1.0	5	5	ug/L
CT14537	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	300	10	5	5	ug/L
CT14537	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CT14537	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	360	10	5	5	ug/L
CT14537	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT14537	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	25	1.0	5	5	ug/L
CT14537	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	25	0.70	1	1	ug/L
CT14537	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	300	10	5	5	ug/L
CT14537	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	27	1.0	5	5	ug/L
CT14537	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	170	10	10	10	ug/L
CT14537	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.8	1.0	5	5	ug/L
CT14537	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	64	1.0	5	5	ug/L
CT14537	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	120	10	5	5	ug/L
CT14537	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	38	1.0	5	5	ug/L
CT14537	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CT14538	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT14538	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L

Thursday, May 08, 2025

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCT14536 - AMC-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT14538	$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

May 08, 2025

SDG I.D.: GCT14536

The samples in this delivery group were received at 1.3°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

WC JPG Temp 1.3 Pg 1 of 1

Data Delivery:
☐ Fax #:
☑ Emai ARIEL@AMC-ENGINEERING.COM

Customer:	AMC ENGINEERING PLLC	Project:	3035 White Plains Road, Bx
Address:	18-36 42nd Street	Report to:	ARIEL CZEMERINSKI
	Astoria NY 11105	Invoice to:	AMC ENGINEERING PLLC

Project P.O:
Phone #: 718 545-0474
Fax #: 516 706-3214

Client Sample Information - Identification

Sampler's Signature: [signature] Date: 4/25/2025

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs (8260)	+	+	+	+	+	+	+	+	+	+	Soil VOA [ ] Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [x] As is [x] H2SO4	PL As is [ ] 250ml [x] 500ml [x] 1000ml	PL HNO3 250ml	PL H2SO4 250ml			
14536	IRMW-14	GW	4/24/2025	2:45pm	X	X														9							
14537	Duplicate	GW	4/24/2025	2:45pm		X														3							
14538	* Trip blank	GW	N/A	N/A		X														2							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4-25-2025	1229
[signature]	[signature]	4/25/25	1250
Mulla	[signature]	4/25/25	1630

Comments, Special Requirements or Regulations:

* TB date 11-18-24 BH

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard

* SURCHARGE APPLIES

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

NY
■ TOGS 1.1.1
☐ NY 375 GWP
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted

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

**Please do not analyze overlapping parameters, twice.

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

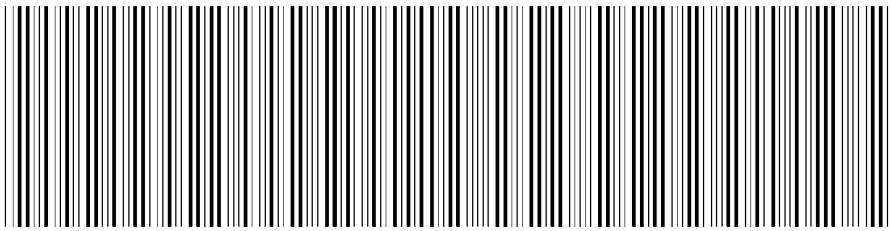
Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	52.00
Affidavit Fee:	$	0.00

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 **PAGE 1 OF 1**

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

2021011190009220102

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

APPENDIX E
Sampling Frequency Reduction Approval Letter

October 7, 2024

Daniel Moritz
Bedford Park Associates LLC
c/o The Arker Companies
1044 Northern Blvd
2nd Floor
Roslyn, NY 11576

Re: Groundwater Sampling Frequency Reduction Response
and Remedial System Optimization (RSO) Request Letter
Former Dico G Auto and Truck Repair, Bronx
Bronx County, Site No.: C203039

Dear Mr. Moritz:

The New York State Department of Environmental Conservation (the NYSDEC) has reviewed your request to reduce groundwater monitoring from quarterly to annually.

The NYSDEC hereby accepts the reduction from quarterly to annually for the following wells: IRMW-7, IRMW-10, and IRMW-11. The NYSDEC herby denies the reduction in sampling frequency for IRMW-14 and will require the sampling frequency to remain quarterly.

Additionally, the NYSEDC has requested that AMC Engineering, PLLC submit a Remedial Systems Optimization (RSO) Work Plan within 30 days of the receipt of this letter. The RSO should propose a remedy to address the elevated concentrations of petroleum volatile organic compounds found in IRMW-14.

If you have any questions, please contact me at
(718) 482-4065 or via e-mail at christopher.allan@dec.ny.gov.

Sincerely,

Christopher Allan

Christopher Allan
Project Manager

ec: Jane O'Connell, C. Maycock – NYSDEC
S. McLaughlin, A. Perretta – NYSDOH
A. Czemerinski, A. Kaushakl – AMC Engineering, PLLC

APPENDIX F
RSO Plan and Approval Letter

March 26, 2025

Daniel Moritz
Bedford Park Associates LLC
c/o The Arker Companies
1044 Northern Blvd
2nd Floor
Roslyn, NY 11576

Re: Remedial System Optimization (RSO) Plan Approval Letter
Former Dico G Auto and Truck Repair, Bronx
Bronx County, Site No.: C203039

Dear Mr. Moritz:

The New York State Department of Environmental Conservation (the NYSDEC) has completed its review of the Remedial Systems Optimization (RSO) Plan dated March 19, 2025, which was prepared by AMC Engineering PLLC on behalf of Rockaway Seagirt Limited Partnership (the Volunteer). The CMWP is hereby approved.

Please ensure that a copy of the RSO Plan is placed in the site repository within 2 weeks of the date of this letter.

If you have any questions, please contact me at
(718) 482-4065 or via e-mail at christopher.allan@dec.ny.gov.

Sincerely,

Christopher Allan

Christopher Allan
Project Manager

ec: J. O'Connell, C. Maycock – NYSDEC
S. McLaughlin, A. Perretta – NYSDOH
A. Czemerinski, A. Kaushakl – AMC Engineering, PLLC

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

Date: 03/19/2025

Christopher H. Allan
Project Manager
NYSDEC, Region 2 Office
47-20 21st Street
Long Island City, NY 11101

Ref.: NYSDEC Site No. 203039
3035 White Plains Road
The Bronx, NY 10467
Block 4545 Lot 14
Remedial System Optimization (RSO) Plan - Revised

Dear Mr. Allan,

AMC Engineering (AMC), on behalf of the property owner, is submitting the following revised Remedial System Optimization (RSO) Work Plan to address the persistent presence of petroleum volatile organic compounds found in IRMW-14 at the above referenced Site.

Please contact me if you have any questions or require additional information regarding this RSO Plan.

Thanks,

Ariel Czemerinski, P.E.
AMC Engineering, PLLC

cc: A. Arker, Bedford Park Associates LLC
J. O' Connell, NYSDEC

Enclosures

FORMER DICO G AUTO & TRUCK REPAIR
NYSDEC BCP Number 203039
Remedial Systems Optimization (RSO) Work Plan

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Previous Sampling Events

As of October 7th, 2024, the sampling frequency for wells IRMW-7, IRMW-10, and IRMW-11 has been reduced from quarterly to yearly. These monitoring wells have exhibited an asymptotic reduction in volatile organic compound (VOC) and BTEX concentrations, as shown in the previous quarterly sampling events. However, the low levels of petroleum VOCs in well IRMW-14 still exist.

Proposed Remedy to IRMW-14

The RSO Work Plan to reduce the VOC concentrations in well IRMW-14 is proposed as follows:

1) Install a Regenesis ORC Advanced® Filter Sock into IRMW-14. Four (4) 12" socks will be laced together to create a total length of 48", which is approximately the column of water in IRMW-14.

2) Continue sampling IRMW-14 on a quarterly basis to monitor VOC concentrations.

3) Filter socks will be replaced on an annual basis, or when they become visibly clogged or discolored. Any deviation to this frequency will be made in consultation with the NYSDEC PM.

4) If this method is found to be ineffective, a more aggressive approach will be proposed to reduce petroleum VOCs.

Regenesis ORC Advanced® Filter Socks are used to enhance bioremediation of petroleum hydrocarbons in groundwater. The filter sock contains ORC Advanced® and an inert carrier matrix. ORC Advanced® is an engineered, oxygen release compound designed specifically for enhanced, *in situ* aerobic bioremediation of petroleum hydrocarbons in groundwater and saturated soils. Upon contact with groundwater, this calcium peroxide-based material becomes hydrated producing a controlled release of molecular oxygen (17% by weight) for periods of up to 12 months on a single application. The socks come in one-foot sections. They are laced together to vertically span the polluted saturated zone in monitoring wells. Once the socks are laced together and lowered into the wells, they become hydrated and begin releasing oxygen.

Sock Removal and Disposal

Filter socks will be removed and replaced once a year, or as directed to by the NYSDEC PM. The sock retrieval line used to remove the socks from the well will be tied to the well cap. This retrieval line will be used to lift used socks, and to lower new socks into the well. When temporarily removing a sock that must be returned to the well, drying should be prevented as this causes a crust to form on the outside of the sock and prevents further function. After the socks are lifted out of the well, they will be wrapped in a garbage bag with water to maintain hydration.

ORC filter socks that are being permanently removed from the well may be disposed of in conventional dumpsters designated for Class III landfill. Following its application, the ORC product will have formed magnesium hydroxide and sand matrix. MSDS disposal requirements for magnesium hydroxide indicate that it is non-toxic and may be disposed of in a container, such as a plastic bag. The filter socks may have absorbed minor amounts of target hydrocarbons during exposure to contaminated groundwater, but these levels are not expected to be greater than the actionable standards for solid waste disposal. The specifications for removal and disposal of ORC filter socks made by Regenesis have been attached in **Appendix A**.

Quarterly Sampling for IRMW-14

IRMW-14 will continue to be monitored on a quarterly basis as per the Site Management Plan. The socks may be removed from the well for a few hours to allow for sampling. Socks will be lifted out of the well using the retrieval line prior to the start of sampling, and they will be stored in a garbage bag with water to prevent drying. After all samples have been collected, the socks will be removed from the garbage bag and placed back into the well.

CERTIFICATION

I, __Ariel Czemerinski__, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375, and that this Remedial Systems Optimization Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Name (Printed): Ariel Czemerinski

Signature:

Date: 03/18/2025

Tables

TABLE 1
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

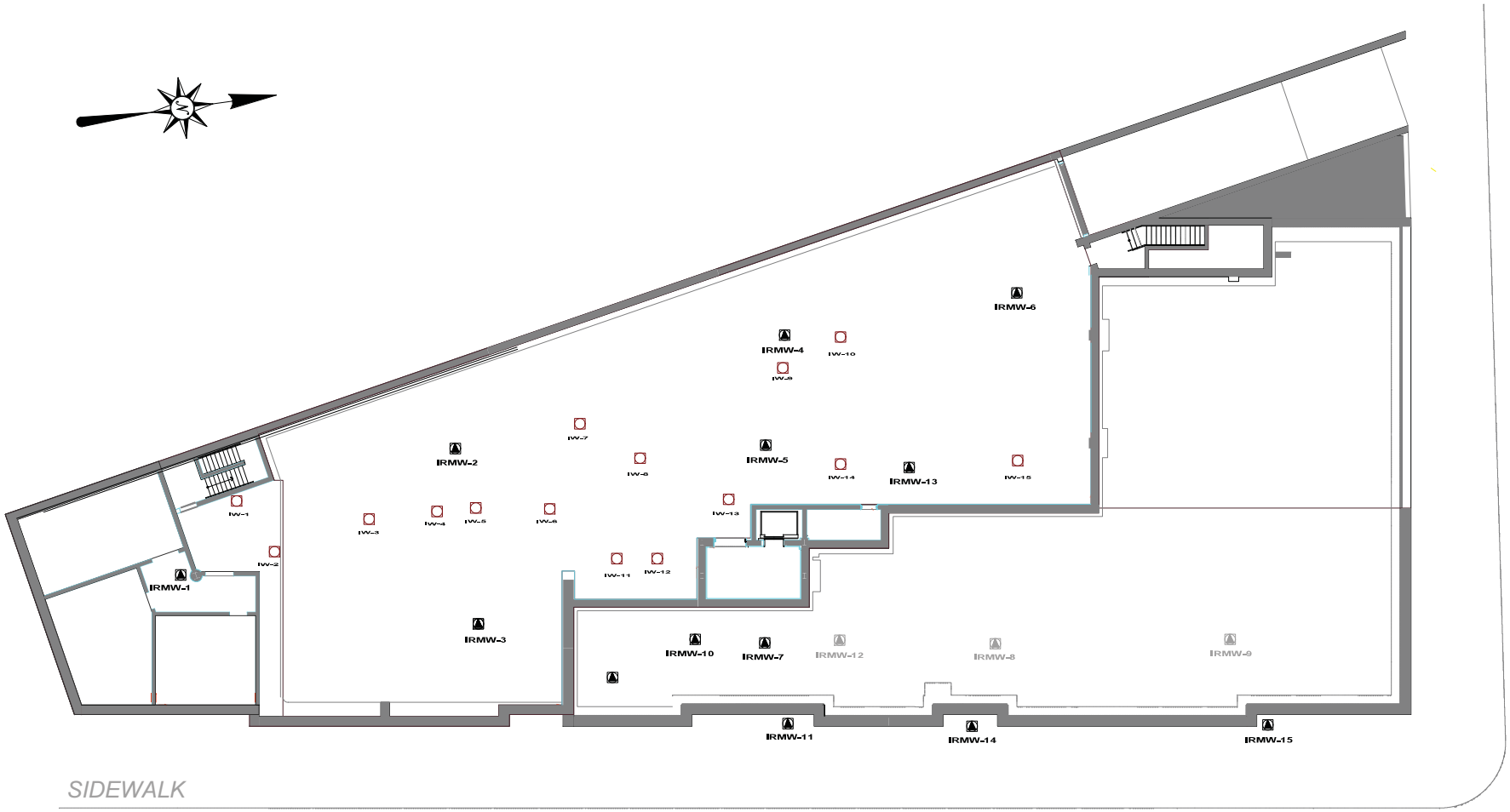
TABLE 1
3035 White Plains Road, Bronx, NY
Volatile Organic Compounds
IRMW-14

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	11/10/2022	12/8/2023	2/22/2024	7/17/2024	9/25/2024	12/18/2024
	µg/L	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	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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 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	< 1.0	< 1.0	< 20	< 0.50	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 5.0
1,1-Dichloroethylene		ND	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			< 5.0
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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	
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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 0.25	< 20	< 0.25	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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**	380	**1,200**	2,400	**640**	**110**	870
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	< 1.0	< 0.50	< 20	< 0.50	< 1.0	< 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	< 1.0	< 0.25	< 20	< 0.25	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 0.60	< 0.60	< 12	< 0.60	< 0.60	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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**	57	**140**	590	**150**	**11**	75
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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 5.0
1,4-dioxane	-	-	-	-	-	-	-	-	-	-	< 2000	< 2000	< 2000	< 2000	<2000	< 25000	< 100	< 2000	< 2000	< 2000	< 500	< 0.57	-	-	-		
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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 2.5	< 2.5	< 50	< 5.0	< 2.5	< 13
2-Isopropyltoluene	5	-	-	< 5.0	3.9	< 5.0	5	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 63	**1.5**	< 5.0	< 5.0	< 5.0	< 5.0	0.3	**5.6**	5.4	1.6	0.29	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 2.5	< 2.5	< 50	< 5.0	< 2.5	< 13
Acetone		ND	490	200	95	77	< 50	66	< 50	-	< 50	< 50	< 50	< 50	< 50	< 500	< 5.0	< 50	< 50	< 50	< 25	12	< 5.0	< 100	< 25	8.6	< 25
Acrolein	5	-	-	< 50	< 25	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	<50	< 630	< 5.0	< 50	< 50	< 50	< 25	< 5.0	< 5.0	< 100	-	< 5.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 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**	17	**32**	48	**10**	**5.3**	46
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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 5.0
Bromodichloromethane		ND	ND	< 20	< 10	< 20	< 20	< 20	< 20	-	< 20	< 20	< 20	< 20	< 10	< 63	< 1.0	< 20	< 20	< 20	< 5.0	< 1.0	< 1.0	< 20	< 0.50	< 1.0	< 5.0
Bromoform		ND	ND	< 50	< 50	< 50	< 50	< 50	< 50	-	< 50	< 50	< 50	< 50	< 50	< 63	< 5.0	< 50	< 50	< 50	< 25	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 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	< 1.0	< 1.0	< 20	< 5.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 5.0	< 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	< 5.0	< 5.0	< 100	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 0.40	< 0.40	< 8.0	< 0.40	< 0.40	< 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	< 1.0	< 1.0	< 20	< 0.50	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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**	140	**440**	**1,800**	**440**	**74**	**400**
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	< 0.50	< 0.50	< 10	< 0.40	< 0.50	< 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**	7.7	81	130	**28**	3.5	23
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**	**390**	**750**	**5,500**	1,200	**120**	**680**
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	4.5	< 2.5	< 50	< 5.0	< 2.5	< 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	15	2.3	< 20	5.1	3.6	16
Methylene Chloride	5	ND	**73**	< 20	< 10	< 20	< 20	< 20	< 20	-	< 10	< 10	< 10	< 10	< 5.0	< 130	< 3.0	< 10	< 10	< 10	< 15	< 3.0	< 3.0	< 60	< 1.0	< 3.0	< 25
Naphthalene	10	**140**	**280**	**480**	**560**	**760**	**680**	**200**	**550**	-	**590**	**470**	**560**	**900**	**480**	**440**	3.1	**600**	**720**	**400**	**150**	**170**	**190**	**460**	**120**	**74**	**220**
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	2	**28**	32	**5.4**	1.1	3.7
n-Propylbenzene	5	**57**	**130**	**81**	**210**	**210**	**270**	**59**	**150**	-	**190**	**150**	**190**	**240**	**120**	**86**	**5.6**	**140**	**220**	**92**	**14**	22	**150**	330	**90**	**8.2**	51
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**	**100**	**210**	**1,700**	**460**	< 5.0	**250**
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	0.83	**12**	10	2.6	< 1.0	< 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	< 1.0	**19**	21	**6.1**	0.82	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 5.0
t-1,3-Dichloropropene	0.4	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tert-butyl alcohol		-	-	-	-	-	-	-	-	-	< 1000	< 1000	< 1000	< 1000	<1000	< 13000	< 50	< 1000	< 1000	< 1000	53	< 50	-	-	-		
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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 5.0	< 5.0	< 100	< 2.5	< 5.0	< 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**	**57**	**200**	**1,000**	**120**	**38**	**210**
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	< 5.0	< 5.0	< 100	< 1.0	< 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	< 5.0	< 5.0	< 5.0	< 2.5	< 63	< 0.40	< 5.0	< 5.0	< 5.0	< 2.0	< 0.40	< 0.40	< 8.0	< 0.40	< 0.40	< 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	< 2.5	< 2.5	< 50	< 5.0	< 2.5	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 20	< 1.0	< 1.0	< 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	704.00	1632.00	10048.00	2230.00	237.30	1586.00
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	0.00	0.00	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	1375.33	3459.90	14026.40	3278.80	458.41	2844.70

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

Figures



WHITE PLAINS ROAD

Note:

IRMW-X
Groundwater Monitoring Well

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

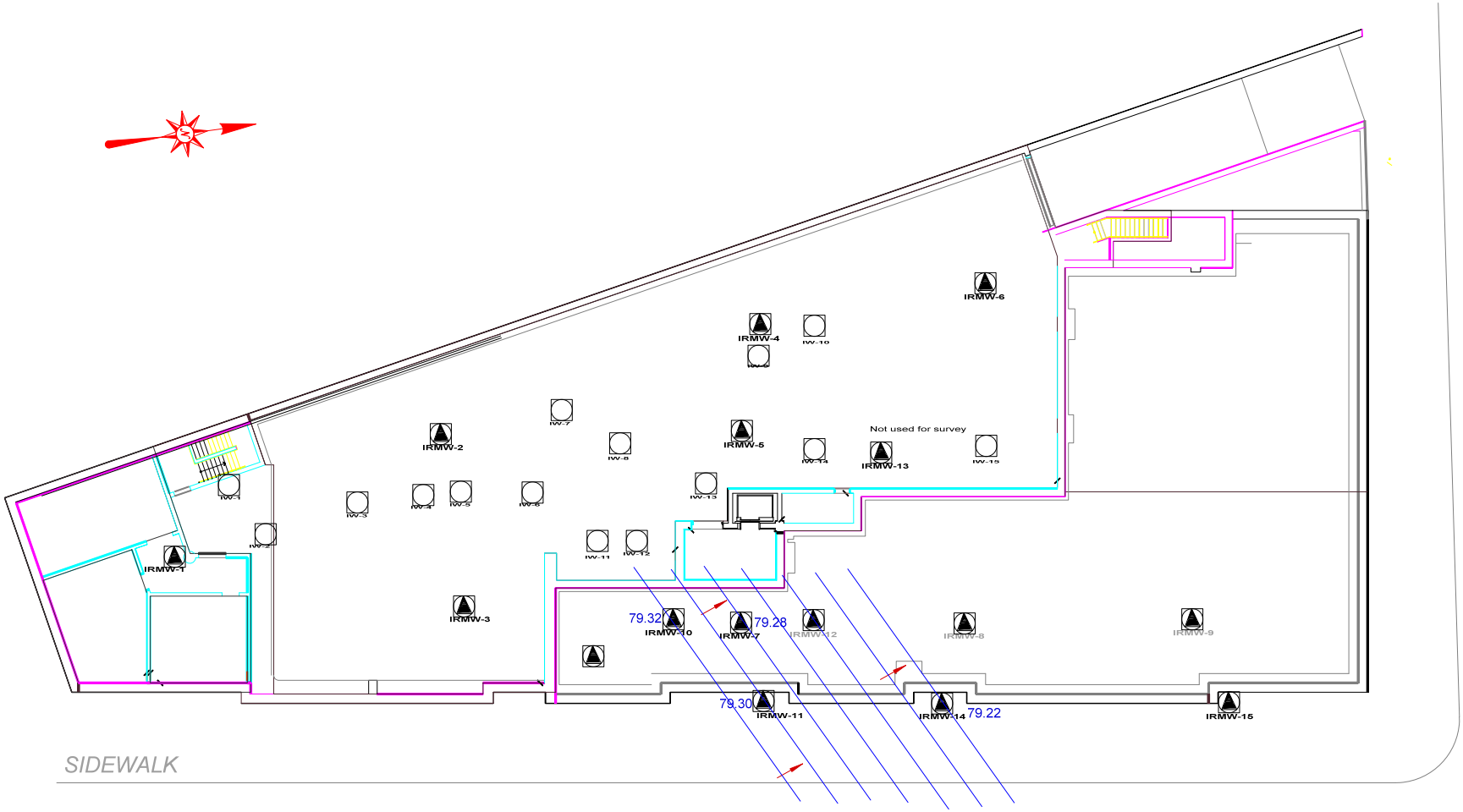
Scale:

0 15 30
1 inch = 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 1 Site Plan Map



WHITE PLAINS ROAD

Legend:

IRMW-X Groundwater Monitoring Well

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

Groundwater Flow Direction

XX.XX Groundwater Survey Conducted 7/17/2024

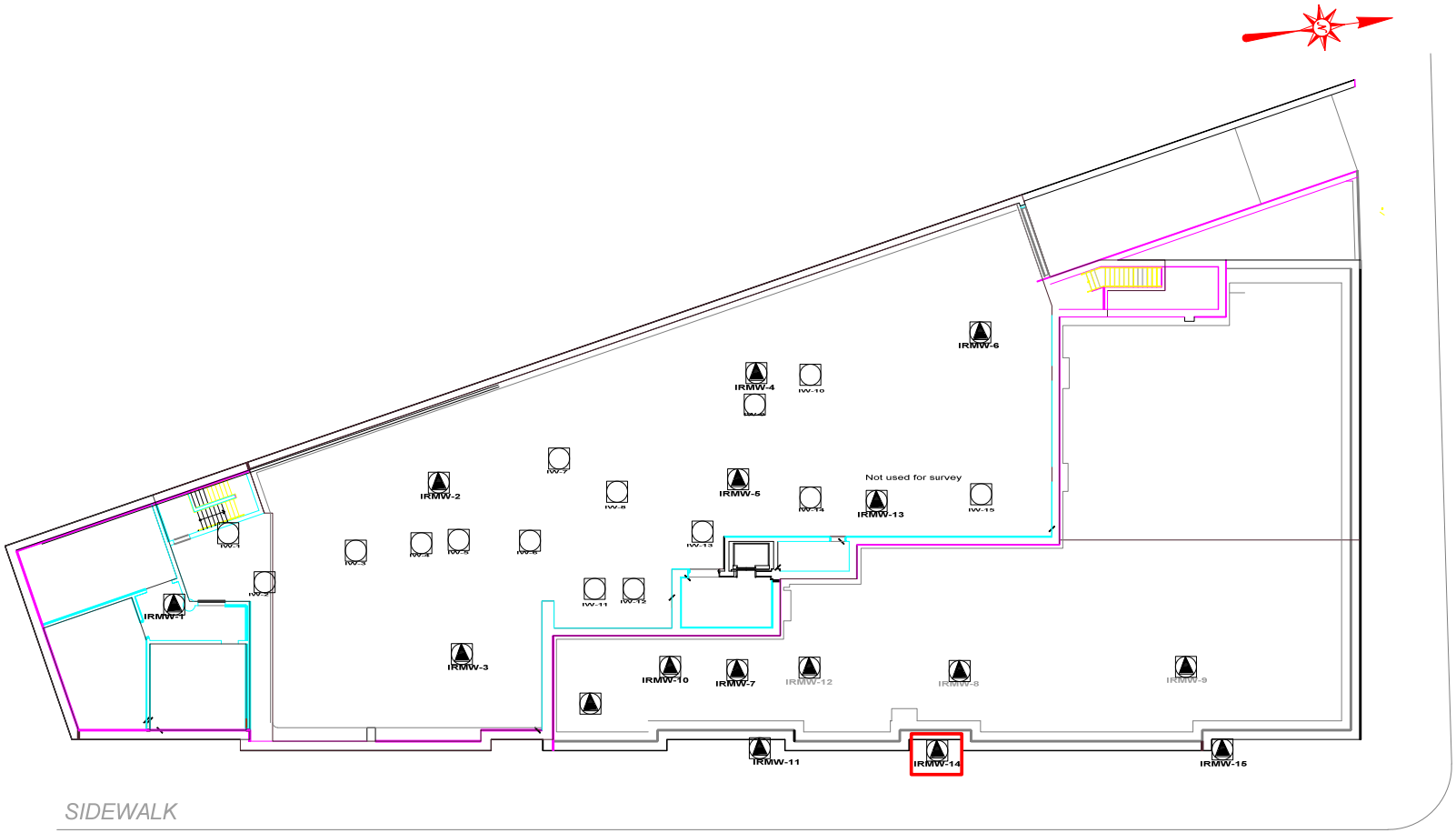
Scale:

0 15 30

1 inch = 30 feet

AMC Engineering PLLC 18-36 42nd Street Astoria, NY 11105 O: 718.545.0474	*Figure No.* **2**	Site Name: Former Dico G Auto & Truck Repair Site Address: 3035 White Plains Road, Bronx, NY Drawing Title: Groundwater Contour Map

Notes:
1. Filter socks (Regenesis ORC Advanced® Filter Socks or equivalent) with a total length of 48" will be installed in IRMW-14 to vertically span the polluted saturated zone.
2. IRMW-14 will continue to be monitored on a quarterly basis as per Site Management Plan.
3. The decision to replace the filter socks will be based on monitoring results and will be made in concurrence with the NYSDEC Project Manager.



Legend:

IRMW-X Groundwater Monitoring Well

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

Filter Sock Location

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: Filter Sock Plan

Appendix A: Specifications for Regenesis Filter Socks

REGENESIS®

Range of Treatable Contaminants

REGENESIS®

Range of Treatable Contaminants

REGENESIS® Products have been used to effectively treat a broad range of contaminants from petroleum hydrocarbons, to chlorinated solvents, pesticides, and metals. Contact us to discuss the treatability of your contaminant of concern and site details so that we can recommend the most effective REGENESIS solution.

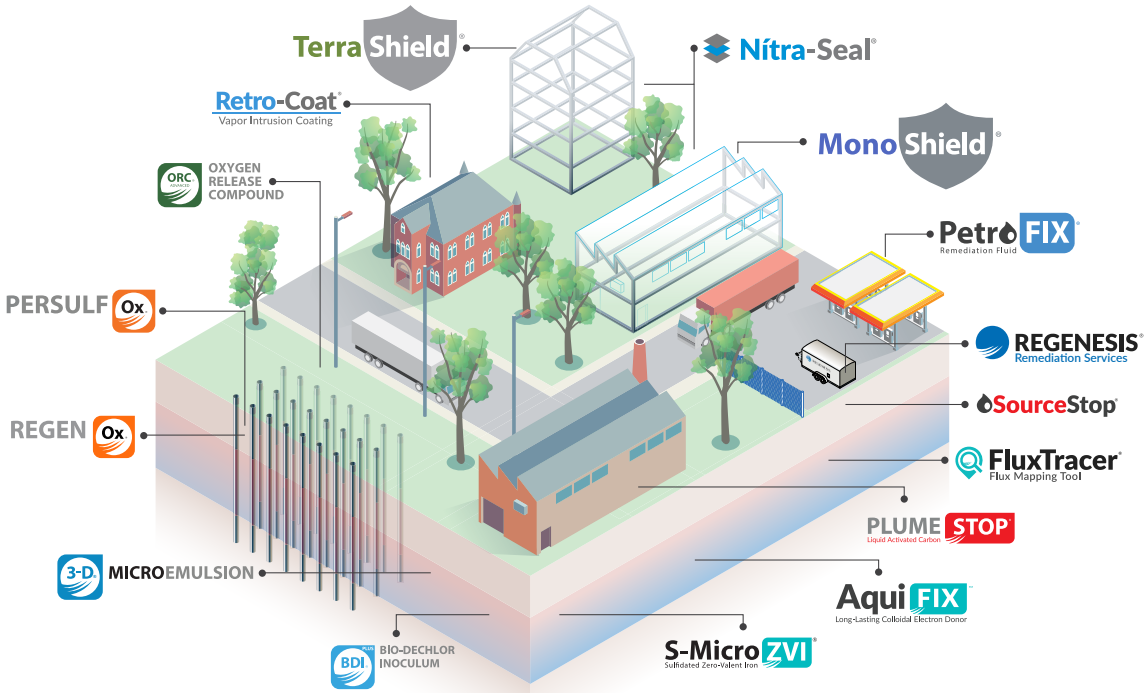
● = Contaminant treatable with REGENESIS Products

	Sorption			ISCO		Aerobic Bio	Anaerobic Bio			ISCR
Range of Treatable Contaminants	PlumeStop	SourceStop	PetroFix	RegenOx	PersulfOx	ORC Advanced	3DME	AquiFix	BDI Plus	S-MicroZVI
PFAS										
Perfluoroalkyl carboxylates (PFCAs)	●	●								
Perfluoroalkane sulfonates (PFSAs)	●	●								
Chlorinated Solvents										
Tetrachloroethylene (PCE)	●			●	●		●	●	●	●
Trichloroethene (TCE)	●			●	●		●	●	●	●
Dichloroethene (DCE)	●			●	●		●	●	●	●
Vinyl chloride (VC)	●			●	●	●	●	●	●	
Bis(2-chlorethoxy)methane	●			●	●		●	●		●
Bis(2-chloroethyl)ether	●			●	●		●	●		●
Carbon tetrachloride	●			●	●		●	●		●
Chloroethane	●			●	●	●	●	●		
Chloroform	●			●	●		●	●		●
Chloromethane	●			●	●		●	●		
Dichloroethane (DCA)	●			●	●	●	●	●	●	●*
Dichloropropane	●			●	●		●	●		
Dichloropropene	●			●	●		●	●		
Hexachlorobutadiene	●			●	●		●	●		●
Methylene chloride	●			●	●		●	●		
Tetrachloroethane	●			●	●		●	●	●	●
Trichloroethane (TCA)	●			●	●		●	●	●	●
Trichloropropane	●			●	●		●	●		
Petroleum Hydrocarbons										
Benzene	●		●	●	●	●				
Toluene	●		●	●	●	●				
Ethylbenzene	●		●	●	●	●				
Xylene	●		●	●	●	●				
Creosote (coal tar)	●		●	●	●	●				
Diesel range organics (DRO)	●		●	●	●	●				
Gasoline range organics (GRO)	●		●	●	●	●				
Oil range organics (ORO)	●		●	●	●	●				
Oxygenates										
Methyl tert butyl ether (MTBE)	●		●	●	●	●				
Tert-butyl alcohol (TBA)				●	●	●				

For additional questions or for a site review please call (949) 366-8000

	Sorption			ISCO		Aerobic Bio	Anaerobic Bio			ISCR
Range of Treatable Contaminants	PlumeStop	SourceStop	PetroFix	RegenOx	PersulfOx	ORC Advanced	3DME	AquiFix	BDI Plus	S-MicroZVI
Aromatics										
2-chlorophenol	●			●	●	●				
2,4-dichlorophenol	●			●	●	●				
2,4-dinitrophenol	●			●	●	●				
4-chloro-3-methyl phenol	●			●	●	●				
4-iso-propyltoluene	●			●	●	●				
4-nitrophenol	●			●	●	●				
Chlorobenzene	●			●	●	●				
Chlorotoluene	●			●	●	●	●	●		●
Dichlorobenzene	●			●	●	●				
N-butylbenzene	●			●	●	●				
Nitrobenzene	●			●	●	●				
Polycyclic aromatic hydrocarbons (PAHs)	●		●	●	●	●				
Pentachlorophenol	●				●	●	●	●		●
Phenol	●			●	●	●				
Propylbenzene	●			●	●	●				
Styrene	●			●	●	●				
Trichlorobenzene	●			●	●	●				
Trimethylbenzene	●			●	●	●				
Haloalkanes										
Dichlorodifluoromethane (Freon 12)	●						●	●		●
Trichlorofluoromethane (Freon 11)	●						●	●		●
Trichlorotrifluoroethane (Freon 113)	●						●	●		●
Pesticides and Herbicides										
2,4-D	●						●	●		●
2,4,5-T	●						●	●		●
Chlorodane	●						●	●		●
DDT, DDD, DDE	●						●	●		●
Dieldrin	●						●	●		●
Endrin	●						●	●		●
Heptachlor epoxide	●						●	●		●
Lindane (hexachlorocyclohexane)	●						●	●		●
Toxaphene	●						●	●		●
Energetics										
DNT	●			●			●	●		●
HMX	●			●			●	●		●
Nitroglycerine	●			●			●	●		●
RDX	●			●			●	●		●
TNT	●			●			●	●		●
Miscellaneous										
1,4-Dioxane					●					
4-methyl-2-pentanone	●			●	●	●				
Acetone	●			●	●	●				
Bis(2-ethylhexyl)phthalate	●			●	●	●				
Carbon disulfide (CS_2)				●	●		●	●		
Nitrates							●	●		●
Perchlorate							●	●		
Polychlorinated biphenyls (PCBs)	●						●	●		
Heavy Metals										
Chromium (VI)							●	●		●

Results will depend on specific site conditions, please discuss your site with a REGENESIS technical manager to determine which technology is most optimal for your site. The information provided is for guidance only. It is recommended that a pilot test or treatability study be performed to verify applicability to your specific contaminant and site conditions. REGENESIS makes no warranty or representation, expressed or inferred, and nothing herein should be construed as to guaranteeing actual results in field use, or permission or recommendation to infringe any patent.



PlumeStop® Liquid Activated Carbon™ is composed of very fine (1-2 micron-size) activated particles suspended in water through a unique, organic polymeric dispersion chemistry that resists clumping and allows permeation through aquifer materials. PlumeStop sorbs to the aquifer matrix soon after injection, rapidly removing contaminants from the groundwater to eliminate risk. It can be co-applied with electron donors, electron acceptors, or used as a stand-alone amendment to treat most organic groundwater contaminants.

SourceStop® prevents leaching of PFAS from soils and halts further migration in groundwater to eliminate the risk to downgradient receptors. Available in Liquid and Solid formulations, SourceStop's colloidal activated carbon (CAC) technology provides unsurpassed distribution, penetrating adn permanently coating impacted soils. Engineered for easy application, rapid results and long-term treatment, SourceStop is an adaptable and affordable solution for PFAS sites.

PetroFix® is a colloidal activated carbon technology used to remediate total petroleum hydrocarbons (TPHs) from contaminated environments. Petrofix uses a proprietary formula of activated carbon to adsorb total petroleum hydrocarbons. It then adds electron acceptors to stimulate hydrocarbon biodegradation.

RegenOx® is an *in situ* chemical oxidation (ISCO) reagent used to directly oxidize contaminants. Its unique catalytic component generates a range of highly oxidizing free radicals that rapidly and effectively destroy a range of target contaminants including both petroleum hydrocarbons and chlorinated compounds. RegenOx is an injectable, two-part ISCO reagent combining a solid sodium percarbonate based alkaline oxidant (Part A), with a liquid mixture of sodium silicates, silica gel and ferrous sulfate (Part B), resulting in a powerful contaminant destroying technology.

PersulfOx® is an advanced *in situ* chemical oxidation (ISCO) reagent that destroys organic contaminants found in groundwater and soil through abiotic chemical oxidation reactions. It is an all-in-one product with a built-in catalyst which activates the sodium persulfate component and generates contaminant-destroying free radicals without the costly and potentially hazardous addition of a separate activator.

ORC Advanced® is an engineered, oxygen-release compound developed for enhanced, *in situ* aerobic bioremediation of petroleum hydrocarbon contaminants in groundwater and saturated soils. Containing 17% by weight molecular oxygen, ORC Advanced provides a controlled release of molecular oxygen-an electron acceptor that optimizes microbial utilization in a treatment zone for up to 12 months post-application.

3-D Microemulsion® is an easy-to-apply remedial amendment for the *in situ* treatment of chlorinated solvent-contaminated aquifers. The patented technology, applied as a micellar suspension, provides a controlled, self-distributing hydrogen source to facilitate biologically mediated enhanced reductive dechlorination. 3-D Microemulsion's unique chemistry enables its distribution by naturally flowing groundwater while persisting for years after injection, resulting in much greater treatment coverage and faster degradation rates than other electron donor amendments.

AquiFix™ is a solid, colloidal remediation amendment for the *in situ* treatment of chlorinated solvent-contaminated aquifers, designed for direct mixing and co-application with PlumeStop. The novel formulation, patent-pending, includes a nutrient-enriched, solid-phase, fatty acid source that quickly establishes and sustains enhanced reductive dechlorination over long timeframes (e.g., ten years post-injection). AquiFix's optimized hydrogen release profile significantly improves remediation efficacy and reduces life-cycle costs to treat these contaminants.

BDI PLUS® (Bio-Dechlor INOCULUM Plus) is an enriched natural consortium containing *Dehalococcoides sp.* and other dechlorinating microbes for biologically augmenting enhanced reductive dechlorination remedies. Co-applied with electron donor amendments such as 3-D Microemulsion and AquiFix, BDI PLUS has proven to improve chlorinated solvent remediation efficiency.

S-MicroZVI® is a colloidal suspension of sulfidated zero-valent iron that promotes the destruction of a wide range of organic pollutants including chlorinated solvents, pesticides, haloalkanes and energetics. S-MicroZVI is engineered to promote rapid contamination degradation through multiple pathways which leads to faster cleanup while minimizing daughter product formation. Compared to larger particle size ZVI products, S-MicroZVI's 2-3 micron-sized particles, suspended in a proprietary polymer, make it easy to handle and simple to inject, leading to significantly better reagent distribution.

REGENESIS®
www.REGENESIS.com

REGENESIS

Oxygen Release Compound (ORC®) Installation Instructions

(Replaceable Filter-Sock Application)

ORC Filter Socks are used to enhance bioremediation of petroleum hydrocarbons in groundwater. The filter sock contains ORC and an inert carrier matrix. The socks come in one foot sections. They are laced together to span the vertical polluted saturated zone in monitoring type wells. Once the socks are laced together and lowered into the wells, they become hydrated and begin releasing oxygen. The following instructions are vital to proper installation and subsequent removal of the socks.

SAFETY PRECAUTIONS:

- ORC is completely non-toxic, but is composed of ultra-fine particles.
- Wear dust masks and goggles to prevent soft tissue irritation
- Reference the Material Safety Data Sheet for specific technical and physical information.

CONDITION OF SOURCE WELL:

- Test for well deviation and smoothness before ORC installation.
- For the test, use a 5 foot section of pipe with an outside diameter 1/2 inch smaller than the source well's inside diameter.

KEY REQUIREMENTS FOR INSTALLATION:

- **SOCKS MUST BE INSTALLED WITH BLACK GROMMETS ON TOP**
- Wrap Socks as independent units (see page 3, figure 5)
- A maximum of **20** ea. 2-inch socks per section.
- A maximum of **8** ea. 4-inch socks per section.
- A maximum of **6** ea. 6-inch socks per section.
- Make sure each sock is properly shaped (cylindrical and without bends) to facilitate ease of installation and removal.

HELPFUL HINTS:

- ORC matrix hardens into a cement once hydrated
- Minimize slack between each sock, by periodically pulling up slack while lacing
- Tie off ORC retrieval lines to the well cap. Regenesis recommends the use of a 3/8" diameter x 6" long eyebolt.

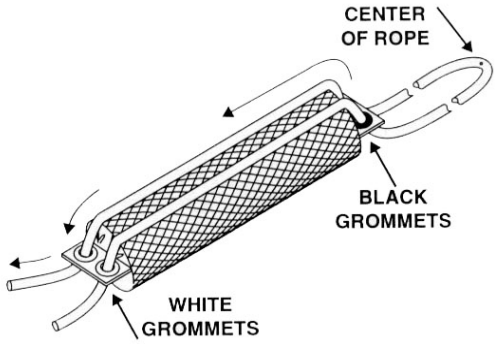
- The ORC Socks should be wetted to prevent excessive dusting prior to installation
- Make sure your work area is clean to avoid oil and dirt deposits on the socks.

FILTER-SOCK REMOVAL:

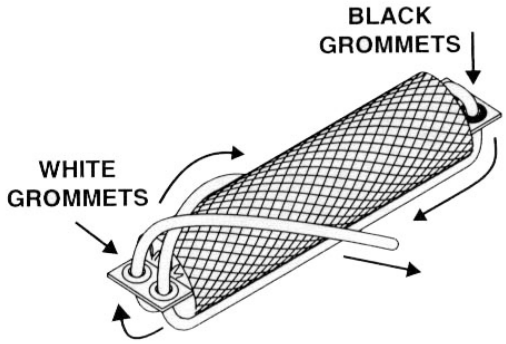
- ORC Socks will be approximately 20% heavier after water saturation
- Static friction from screened casing may cause difficulty in removal
- A winch and stanchion (or comparable equipment) may be necessary to help remove the socks due to increased weight, friction, etc.

LACING DIAGRAMS FOR SOCK INSTALLATION:

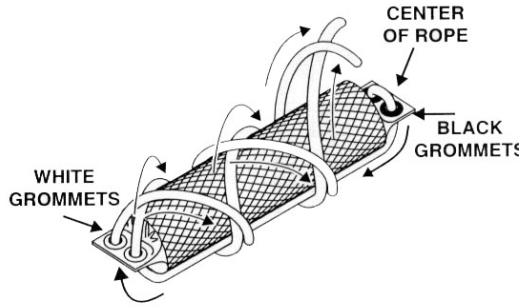
4 INCH AND 6 INCH SOCK LACING DIAGRAM:



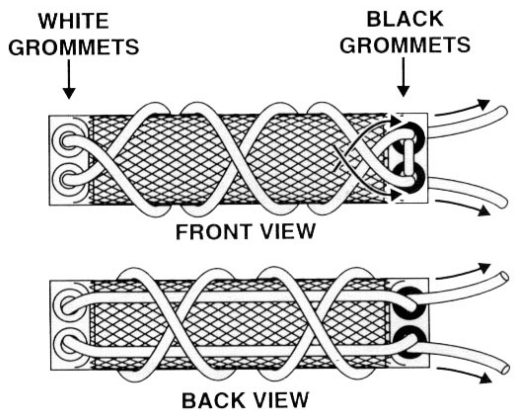
1. Find the center of the rope. Begin lacing the ORC Socks by threading the two ends of the installation rope through the black grommets and then through the white grommets at the bottom of the same side of the bottom sock



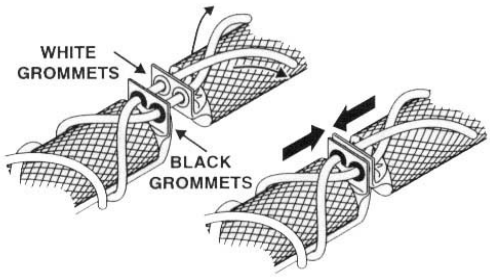
2. Pull the rope through the bottom sock, making sure the center of the rope is between the black grommets. Cross the ropes over each other.



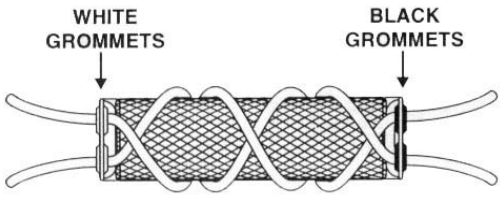
3. Loop the ends of the rope around the back of the sock and cross them. Repeat this step once again, so the rope is wrapped around the sock with two full turns.



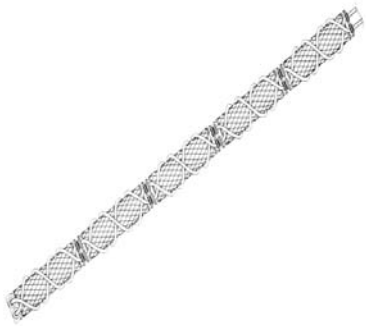
4. Bring the ends of the rope around from the back, cross them, and thread them into the black grommets. The rope ends should be inserted into the black grommets diagonally from the white ones they started from. Threading the black grommets will be tight only on the bottom sock due to the unique lacing pattern.



5. To avoid the ORC Sock slipping past each other, the socks must be laced with the grommet flaps of the bottom sock and second sock butting against each other (as shown)



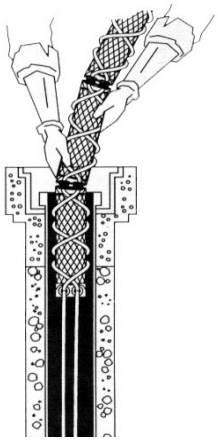
6. The remaining socks on the rope section are laced up according to Figure 6. Make sure that the rope is turned around the sock two full turns, with the grommets of each sock butting up against the next sock as shown in Figure 5.

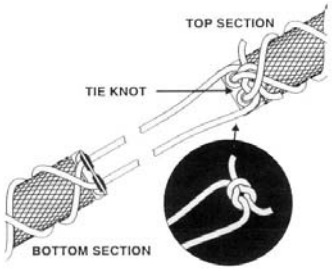


7. Lace each subsequent ORC Sock exactly the same as in Figure 5 and 6.

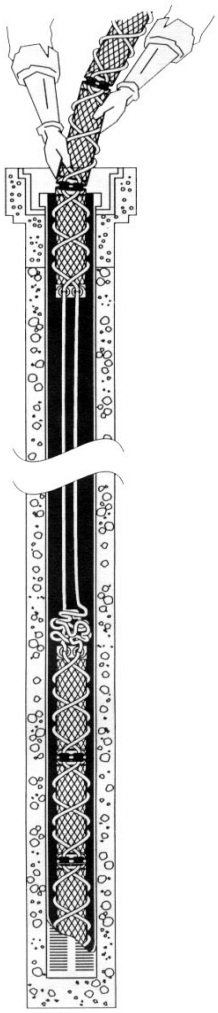
IMPORTANT: *Do not exceed the maximum number of socks per section (see "Key Requirements D & E" on page 1).*

Minimize the slack between the socks



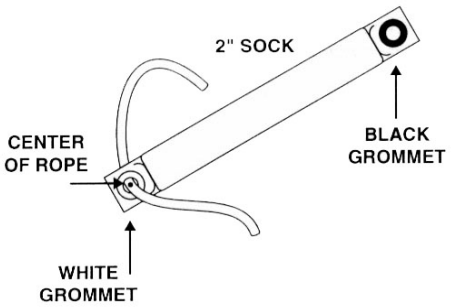


8. If you need to install more ORC Socks than the maximum allowed per well size (see "Key Requirements D & E on page 1), then multiple sections must be installed. Each section is laced exactly the same, but they should be tied off to each other. Tie the end of the rope from the lower section to the bottom sock of the upper section; this allows each section to be installed and removed independently (see well diagram)

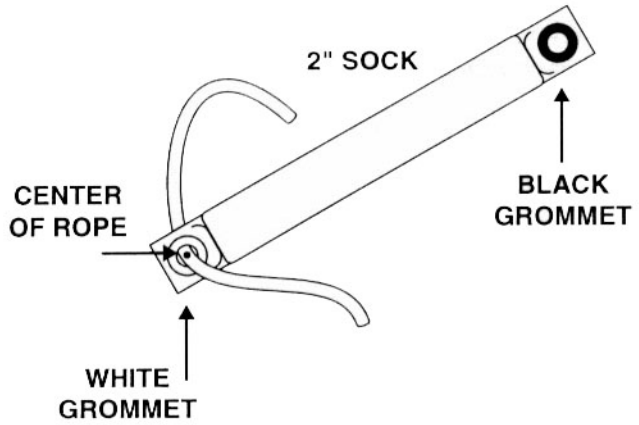


Well Diagram

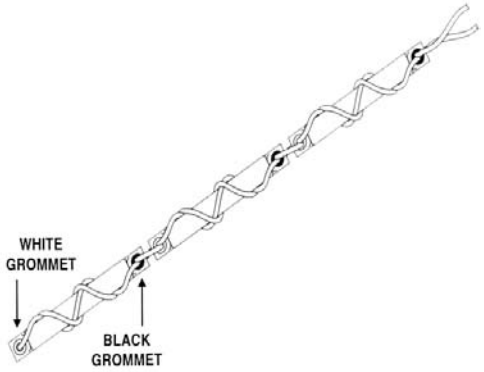
2 INCH SOCK LACING DIAGRAM:



9. Find the center of the rope. Begin lacing the ORC Socks by threading one end of the installation rope through the white grommet. Make sure that the center of the rope is pulled through to the center of the white grommet on the bottom sock.



10. Wrap each end of the installation rope around the sock twice and then cross them through the black grommet.



11. Lace each subsequent sock using the same method ad describe in Figure 2 above.

IMPORTANT:

Do not exceed the maximum number of socks per section (see "Key requirements B" on Page 1) Minimize the slack between socks

For direct assistance or answers to any questions you may have regarding these instructions, contact Regenesis Technical Services at 949-366-8000.

REGENESIS, 2002
www.regenesis.com

ORC Advanced Technical Description

OXYGEN RELEASE COMPOUND

Example of ORC Advanced

ORC Advanced® is an engineered, oxygen release compound designed specifically for enhanced, *in situ* aerobic bioremediation of petroleum hydrocarbons in ground-water and saturated soils. Upon contact with groundwater, this calcium peroxide based material becomes hydrated producing a controlled release of molecular oxygen (17% by weight) for periods of up to 12 months on a single application.

ORC Advanced decreases time to site closure and accelerates degradation rates up to 100 times faster than natural degradation rates. A single ORC Advanced application can support aerobic biodegradation for up to 12 months with minimal site disturbance, no permanent or emplaced above ground equipment, piping, tanks, power sources, etc are needed. There is no operation or maintenance required. ORC Advanced provides lower costs, greater efficiency and reliability compared to engineered mechanical systems, oxygen emitters and bubblers.

ORC Advanced provides remediation practitioners with a significantly faster and highly effective means of treating petroleum contaminated sites. Petroleum hydrocarbon contamination is often associated with retail petroleum service stations resulting from leaking underground storage tanks, piping and dispensers. As a result, ORC Advanced technology and applications have been tailored around the remediation needs of the retail petroleum industry and include: tank pit excavations, amending and mixing with backfill, direct-injection, bore-hole backfill, ORC Advanced Pellets for waterless and dustless application, combined ISCO and bioremediation applications, etc. For a list of treatable contaminants with the use of ORC Advanced, view the Range of Treatable Contaminants Guide

Chemical Composition

- Calcium peroxide
- Calcium hydroxide
- Dipotassium phosphate
- Monopotassium phosphate

Properties

Physical State	Solid
Form	Powder
Color	White to pale yellow
Odor	Odorless
pH	12.5 (3% suspension/water)

Storage and Handling Guidelines

Storage

- Store in a cool, dry place out of direct sunlight
- Store in original tightly closed container
- Store in a well-ventilated place
- Do not store near combustible materials
- Store away from incompatible materials
- Provide appropriate exhaust ventilation in places where dust is formed

Handling

- Minimize dust generation and accumulation
- Keep away from heat
- Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces
- Observe good industrial hygiene practices
- Take precaution to avoid mixing with combustibles
- Keep away from clothing and other combustible materials
- Avoid contact with water and moisture
- Avoid contact with eyes, skin, and clothing
- Avoid prolonged exposure
- Wear appropriate personal protective equipment

Applications

- Slurry mixture direct-push injection through hollow rods or direct-placement into boreholes
- *In Situ* or *ex situ* slurry mixture into contaminated backfill or contaminated soils in general
- Slurry mixture injections in conjunction with chemical oxidants like RegenOx® or PersulfOx®
- Filter sock applications in groundwater for highly localized treatment
- *Ex Situ* biopiles

Health and Safety

Wash thoroughly after handling. Wear protective gloves, eye protection, and face protection. Please review the ORC Advanced Safety Data Sheet for additional storage, usage, and handling requirements.

Disposal Issues

Upon the completion of a ORC Filter Sock application (usually about six months), disposal of the product will need to be addressed. Under most conditions, it will be possible to simply dispose of the ORC Filter Socks in conventional dumpsters designated for a Class III landfill.

By the time it is removed from its wells, the product will have formed a weakly-cemented magnesium hydroxide and sand matrix. This is essentially a solid block of Milk of Magnesia and sand in a 50:50 ratio. The MSDS on magnesium hydroxide, as prepared by Morton Thiokol (a major chemical company), is clear that magnesium hydroxide is non-toxic and in fact is classified GRAS (Generally Recognized as Safe) for consumption. This is of course substantiated by its use as an anti-acid.

MSDS disposal requirements simply state that it be disposed of in a container and does not further clarify those requirements; presumably this could be a plastic trash bag. As is indicative of any MSDS you are always instructed to contact local, state or federal EPA offices for a final decreed disposal method. Recent discussions with state and local agencies in several states have resulted in concurrence that non-hazardous disposal is acceptable.

Alternately, one may consider a hardened ORC and sand matrix to be a form of concrete - which it is, just as calcium hydroxide and sand has been from the time of the Romans. The dumping of concrete generally does not have to meet MSDS requirements for the individual components, such as calcium oxide and calcium silicate.

With regard to landfill requirements, TCLP measurements on the product show extractable pHs ranging from 8.2 to 10.8, averaging 9.5. Even considering the highest value of 10.8, this pH is significantly below a value of 12.5 which would classify it as a corrosive material in accordance with the Code of Federal Regulations. ORC meets the criteria, beyond the corrosivity standard, for being a non-hazardous waste in that it is non-ignitable, non-reactive, and non-toxic.

TCLP also resulted in measured magnesium concentrations from 180-1,500 mg/L in an active extraction test. In a non-advective situation, the magnesium levels are essentially unchanged since the ORC is virtually insoluble and elevated concentrations can only exist in the vicinity of the well. Actual field data from the University of Waterloo indicates the concentration of magnesium in the vicinity of the well only elevate to a few ppm above background concentrations.

The only remaining issue, relative to a Class III disposal, is whether or not the ORC Filter Socks have absorbed minor amounts of the target hydrocarbons during exposure to contaminated groundwater. This, however, is highly unlikely

since the surface of the sock would be in a very highly oxygenated zone where remediation is maximal. Even if a sock was dissipated of oxygen, unless the socks are placed in wells with free product, it is highly it would have hydrocarbon concentrations higher than those of groundwater in the well from which they are removed. These levels would generally be insignificant once the sock is intended for solid waste disposal where the actionable standards are much higher. Furthermore, it is clear that if the spent material was exposed to the air it would soon dissipate or be further remediated since it would retain moisture for a period. Spent product set on a tarp and exposed to air would most likely allow ND to be reached in a short period assuming hazardous compounds were present to start.

Should the disposal requirements become more rigorous than Class III, it is probably easiest to simply dispose of the spent filter socks in drums, in a similar manner as PPE used at the site, at a cost of approximately $100 per 55 gallon drum. For each of the REGENESIS ORC Filter Sock products there are the following approximate unit disposal charges.

Filter Sock Size	Number / 55 Gallon Drum	Unit Disposal Cost
6-Inch Diameter	15 to 20	$3.75 to $5.00
4-Inch Diameter	45 to 60	$1.25 to $1.66
2-Inch Diameter	110 to 150	$0.50 to $0.66

In a typical scenario, 150 socks would be used in a barrier, and would be changed out twice a year. A total of 300 socks would therefore cost between $150 and $1500 per year for disposal depending on size, not including drum cost and labor for retrieval and handling.