
2025-2026 PERIODIC REVIEW REPORT

for

GERARD AVENUE AND EAST 146TH STREET

404 Exterior Street, 417 and 445 Gerard Avenue,
440 Major Wm Deegan Boulevard
Bronx, New York
NYSDEC BCP Site No. C203111

Prepared For:

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c/o The Domain Companies
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Prepared By:

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March 30, 2026

Langan Project No. 170487003

LANGAN

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1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Periodic Review Report (PRR) to document site inspection activities performed on February 18, 2026 at 445 Gerard (the site) located in the Mott Haven neighborhood of the Bronx, New York (Brownfield Cleanup Program [BCP] Site No. C203111). The about 38,000-square-foot (0.87 acre) site is identified as Block 2351, Lots 1, 3, 12, and 20 on the New York City Bronx Borough Tax Map. The site was developed into a 12-story mixed-use commercial and residential building with a partial cellar. The site was remediated pursuant to the Brownfield Cleanup Agreement (BCA) to meet BCP Track 4 remedial program criteria, which was documented and defined in the Final Engineering Report (FER) and Site Management Plan (SMP). A Certificate of Completion (COC) was issued by the New York State Department of Environmental Conservation (NYSDEC) on December 28, 2021. A site location map is provided as Figure 1, and a site layout plan is provided as Figure 2.

A Track 4 remedy was implemented in a manner that has rendered the site protective of public health and the environment, consistent with its use as a mixed-use commercial and residential building. The selected remedy was implemented in accordance with the NYSDEC-approved April 28, 2020 Remedial Action Work Plan (RAWP) and June 11, 2020 Decision Document. Groundwater treatment was implemented in February 2025 in accordance with the NYSDEC-approved December 2, 2024 Groundwater Treatment Work Plan to remediate residual petroleum-related VOCs and SVOCs impacts in groundwater. Quarterly groundwater monitoring sampling events began in May 2025 following injection program completion. The engineering and institutional controls (EC/IC) are being maintained and monitoring in accordance with the SMP. Exposure to remaining contamination at the site is prevented by a cover system comprised of a 24- to 48-inch-thick reinforced concrete slab pavement atop a minimum six-inch-thick, 0.75-inch stone subbase layer above a geotextile fabric.

This report is organized as follows:

- Periodic Review Report Certification (Section 2) – Langan documented that both the ECs and ICs were operated, maintained and monitored in accordance with the SMP.
- Periodic Review Report – Annual Inspections and Sampling (Section 3) – Langan completed the annual site inspection and four quarterly groundwater monitoring events during the reporting period.
- Compliance with SMP (Section 4) – Langan documented that all activities performed during the reporting period were in compliance with the SMP.
- SMP Operation Description (Section 5) – A summary of SMP operations during this reporting period is provided.

- Recommendations (Section 6) – A summary of recommendations is provided based on observations made during this reporting period.

2.0 PERIODIC REVIEW REPORT CERTIFICATION

2.1 Institutional Controls

Per the NYSDEC determination that the Track 4 remedy was achieved, an Environmental Easement (EE) was executed to (1) implement, maintain and monitor EC systems; (2) prevent future exposure to remaining contamination; and (3) limit the use and development of the site to restricted-residential, commercial and industrial uses only. There have been no changes or actions since NYSDEC issued the COC that would require modification to the EE. A copy of the EE is included as Appendix A.

2.2 Engineering Controls

Following the remediation, petroleum-related volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) and metals remained in soil and groundwater; therefore, ECs were needed to manage the remaining contamination and to protect human health and the environment.

The ECs implemented at the site are shown on Figure 3 and consist of:

- A composite cover system (concrete building slabs) to prevent human exposure to remaining contaminated soil beneath the site - A vapor barrier/waterproofing membrane was installed beneath the 24- to 48-inch-thick reinforced concrete slab; and
- A groundwater monitoring well network with periodic performance monitoring for petroleum-related VOCs and SVOCs remaining in groundwater after groundwater treatment.

2.3 Institutional and Engineering Controls Certificate

The certification period covered by this report is February 28, 2025 to February 28, 2026. Annual inspections and quarterly sampling as described in Section 3 and SMP compliance as described in Section 4, were completed in accordance with the requirements of the BCP. Sampling and compliance activities are certified by the owner and Professional Engineer in the EC/IC Certificate Form. The completed and signed EC/IC Certificate Form is provided as Appendix B.

3.0 PERIODIC REVIEW REPORT - ANNUAL INSPECTIONS AND SAMPLING

Langan completed site inspections and collected periodic groundwater samples in accordance with the SMP and the groundwater treatment work plan for the PRR reporting period. Annual inspections and sampling activities are described in the following sections. Daily field reports for this reporting period are included as Appendix C.

3.1 Composite Cover System Inspection

Langan conducted an annual inspection of the composite cover system on February 18, 2026. Langan inspected the composite cover system, including the building floor slabs, for quality and integrity. During the inspection, Langan did not identify cracks or joints in the cover system. Evidence of breach or compromise of the cover system was not identified. A detailed composite cover system inspection report and photograph log are included as Appendix D and Appendix E, respectively.

3.2 Periodic Groundwater Sampling

3.2.1 Background

Eight quarterly post-injection sampling events have been completed under the In-situ Treatment Remedial Design Plan (RDP) and SMP. A ninth post-injection sampling event was completed at the request of the NYSDEC per the “Eighth Quarterly Groundwater Monitoring Report & Periodic Review Report” comment letter dated July 6, 2023. Monitoring was conducted at five post-injection permanent monitoring wells (RMW01, RMW03, RMW09, RMW10, and RMW14) that were installed following the injection program during implementation of the remedy. Results identified remaining petroleum-related VOC impacts in the northern part of the site, particularly in the vicinity of groundwater monitoring well RWM14, following completion of the ISCO program. Additional groundwater treatment in the vicinity of RMW14 was selected as a final step to reduce VOC impacts.

A NYSDEC-approved December 2, 2024 Groundwater Treatment Work Plan was implemented by Regenesys and Coastal Environmental Solutions under the oversight of Langan between February 24 and February 28, 2025 to remediate residual petroleum-related VOC impacts in groundwater. Groundwater treatment included application of three remedial technologies: 1) adsorption and bioremediation using PetroFix™, 2) chemical flocculation by calcium chloride, and/or 3) ORC Advanced® sock deployment in monitoring well RMW14 and two off-site monitoring wells, OMW-01 and OMW-02.

Per the plan, performance monitoring was conducted quarterly at on-site monitoring wells RMW03, RMW09, and RMW14 during the reporting period following injections in February 2025,

including May, August and November 2025 and February 2026. Quarterly groundwater monitoring reports were submitted to the NYSDEC on a quarterly basis and are included as Appendix F.

3.2.2 Groundwater Sampling and Analysis

Groundwater sampling was conducted in May 2025 (Q1), August 2025 (Q2), November 2025 (Q3) and February 2026 (Q4). Before groundwater sample collection at each well, total VOC headspace measurements were measured using a PID and water level measurements were collected using an oil-water interface probe. A peristaltic pump with dedicated polyethylene tubing was used to purge and sample the groundwater monitoring wells. During purging, the turbidity, pH, temperature, conductivity, oxidation-reduction potential (ORP), and dissolved oxygen (DO) were monitored using a Horiba U-52 water quality meter with a flow-through cell. Purging was considered complete after three well volumes were purged or after groundwater quality parameters had stabilized for three successive readings within a reasonable time frame. Measurements were recorded on Langan field sampling forms, which are included in each quarterly groundwater monitoring report in Appendix F.

After purging, groundwater samples were collected directly from the dedicated tubing into laboratory-supplied sample glassware, sealed, labeled, and placed in ice-chilled coolers. The samples were then submitted to Pace Analytical Services Inc., a NYSDOH Environmental Laboratory Approval Program (ELAP)-accredited laboratory in Westborough, Massachusetts. Duplicate and trip blank samples were collected during each event for QA/QC purposes. All samples were analyzed for Part 375/Target Compound List (TCL) VOCs via United States Environmental Protection Agency (USEPA) SW-846 Method 8260D.

3.2.3 Groundwater Sampling Results and Conclusions

Groundwater sample results were compared to the NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA drinking water (herein collectively referenced as NYSDEC SGVs) and are summarized in each quarterly groundwater monitoring report submitted and reviewed by NYSDEC.

One VOC, benzene, was detected above its SGV in two of three monitoring wells, RMW03 and RMW09, during all four monitoring events. Benzene concentrations have decreased or remained within the same order of magnitude during the last three to four monitoring events in RMW09 and RMW13. No VOCs were detected above the SGVs in the monitoring well RMW14 during all four monitoring events.

Based on the quarterly performance groundwater results, Langan proposes discontinuation of quarterly groundwater monitoring in all monitoring wells as significant contaminant reduction has been demonstrated over the past four sampling events, and further reduction is not anticipated. If acceptable, Langan proposes decommissioning of RMW03, RMW09 and RMW14 in accordance with NYSDEC CP-43: Groundwater Monitoring and Well Decommissioning Policy.

4.0 COMPLIANCE WITH SMP

Specific SMP measures are described in the following sections.

4.1 Construction Health and Safety Plan

The annual site inspection and implementation of the groundwater treatment work plan were performed in compliance with the site-specific Construction Health and Safety Plan (CHASP) and applicable laws and regulations. The health and safety program manager for Langan was William Bohrer, PG.

4.2 Community Air Monitoring Plan

Ground intrusive activities were not conducted during this reporting period and therefore, the SMP Community Air Monitoring Plan (CAMP) was not implemented.

4.3 Soil/Materials Management Plan

The Soil/Materials Management Plan (SMMP) provides details for managing soil/materials, including excavation, material handling, stockpile management, transport and disposal. The plan includes controls to guide effective remedial activities in compliance with applicable laws and regulations. Ground intrusive activities were not conducted during this reporting period and therefore, the SMMP was not implemented.

4.4 Deviations from the Site Management Plan

There were no deviations from the SMP.

5.0 SMP OPERATION DESCRIPTION

No ground intrusive construction activities were performed on-site during the reporting period. The following sections describe SMP operations performed during this reporting period.

5.1 Site Controls

5.1.1 Erosion and Dust Control

No ground intrusive activities took place on-site during this reporting period; therefore, erosion and dust control measures were not required.

5.1.2 Soil Screening

Residual soil/fill beneath the composite cover system was not disturbed during this reporting period; therefore, soil screening for staining, odors, and elevated PID readings were not implemented.

5.1.3 Stockpile Management

Stockpiles were not constructed during this reporting period.

5.1.4 Truck Inspection

Soil/fill was not excavated for off-site disposal from the site during this reporting period; therefore, truck inspections were not necessary.

5.1.5 Nuisance Control

Community nuisance complaints were not received during this reporting period.

5.1.6 Fluids Management

One 55-gallon drum containing purged groundwater was generated during the quarterly groundwater sampling events performed during this reporting period. The drum is stored on-site pending future off-site disposal.

5.1.7 Reporting

Langan performed the annual site inspection. Observations were recorded in a field book that included a project number and a summary of locations where inspection was performed. A photograph log documenting the annual inspection is provided in Appendix E.

Groundwater monitoring reports were provided to NYSDEC on a quarterly basis and are appended to this PRR as Appendix F.

5.2 Material Handling and Excavation

Residual soil/fill beneath the composite cover system was not disturbed during this reporting period.

5.3 Soil/Fill Characterization

Soil/fill characterization was not conducted during this reporting period; therefore, soil characterization was not performed.

5.4 Transport and Off-Site Disposal

No fill/soil was transported off-site for disposal during this reporting period.

5.5 Imported Backfill

No material was imported to the site for use as backfill during this reporting period.

6.0 RECOMMENDATIONS

6.1 Discontinuation of Groundwater Monitoring

Based on a review of the analytical data generated over the course of the four quarterly monitoring events, the groundwater treatment remedy was effective in demonstrating a reduction of targeted petroleum-related VOCs in groundwater. Reduced VOC concentrations in RMW03, RMW09 and RMW14 have been achieved, and the concentrations of benzene are considered asymptotic for the foreseeable future, and further decline of benzene concentrations is not anticipated. Langan recommends discontinuation of groundwater monitoring and decommissioning of monitoring wells RMW03, RMW09 and RMW14 in accordance with NYSDEC CP-43: Groundwater Monitoring and Well Decommissioning Policy.

6.2 Amendments to the Frequency of PRR Submissions

No changes in the frequency of PRR submissions are recommended at this time.

7.0 DIVISION OF ENVIRONMENTAL REMEDIATION GREEN REMEDIATION EVALUATION

The NYSDEC Division of Environmental Remediation (DER) Green Remediation Policy (DER-31) requires that green remediation concepts and techniques be considered during all stages of the remedial program, including site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. A summary of green remediation metrics for site management during the reporting period is included in Appendix C. Goals for the project to incorporate green remediation principles and techniques during the next reporting period include use of public transit by personnel when possible during site visits, and minimization of waste during the post-injection groundwater sampling events (if applicable).

Langan will continue to evaluate green remediation concepts and techniques for inclusion in site management, as applicable.

8.0 CERTIFICATION

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

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction*
- The IC and/or ECs employed at this site are unchanged from the date the controls were put in place, or last approved by the NYSDEC*
- Nothing has occurred that would impair the ability of the control to protect the public health and environment*
- Nothing has occurred that would constitute a violation or failure to comply with the site management plan for this control*
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control*
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document*
- Use of the site is compliant with the environmental easement*
- The engineering control systems are performing as designed and are effective*
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices, and*
- The information presented in this report is accurate and complete*

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

I, Jason J. Hayes, P.E., of Langan, have been authorized and designated by the site owner to sign this certification for the site.

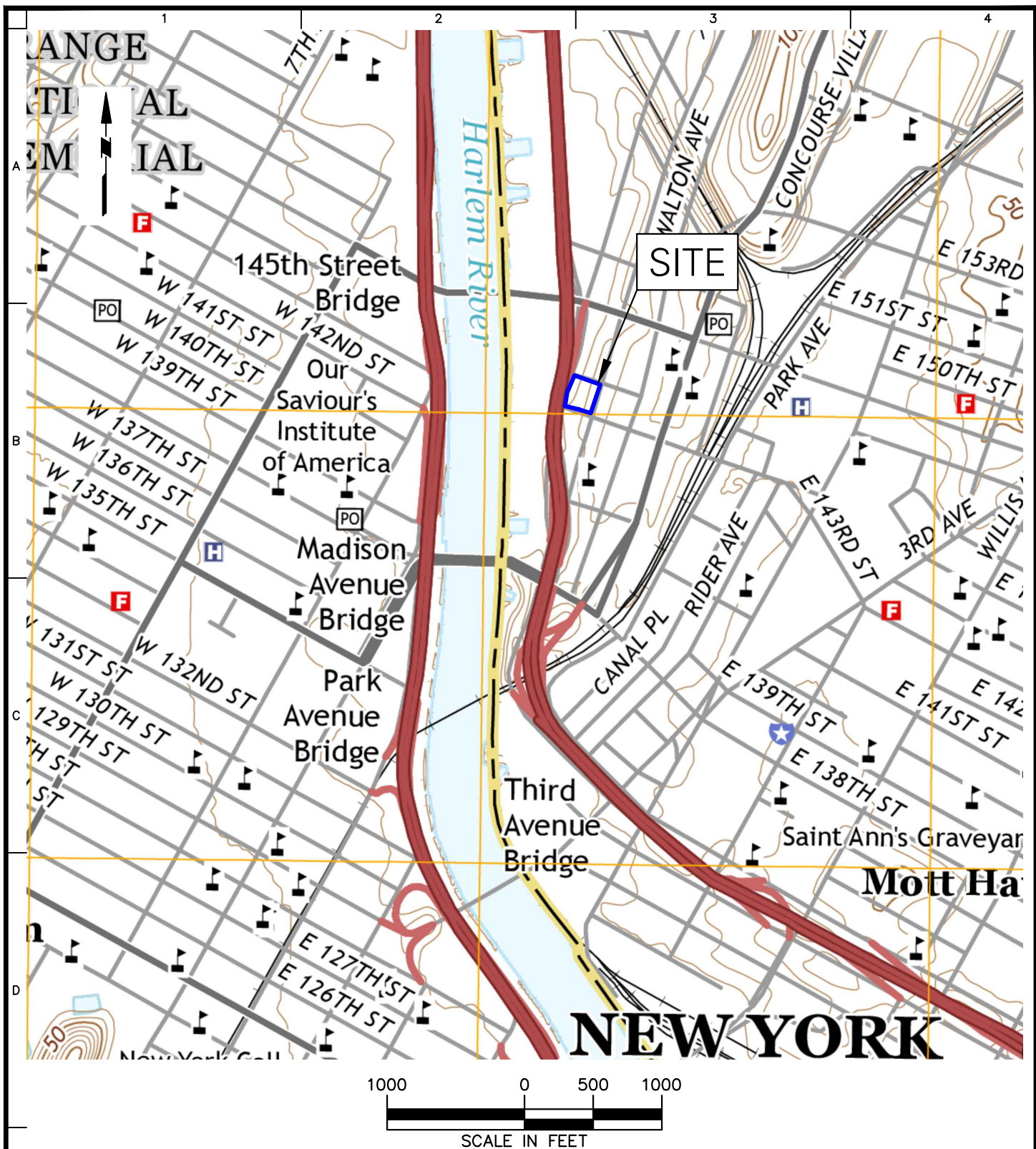


[P.E.]

3-25-2026

DATE

FIGURES



— SITE BOUNDARY

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE MAP, DATED 2016

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Project

**GERARD AVENUE AND
EAST 146TH STREET**

BLOCK No. 2351, LOT Nos. 1, 3, 12, & 20

BRONX

NEW YORK

Figure Title

**SITE LOCATION
MAP**

Project No.

170487003

Date

08/27/2021

Drawn By

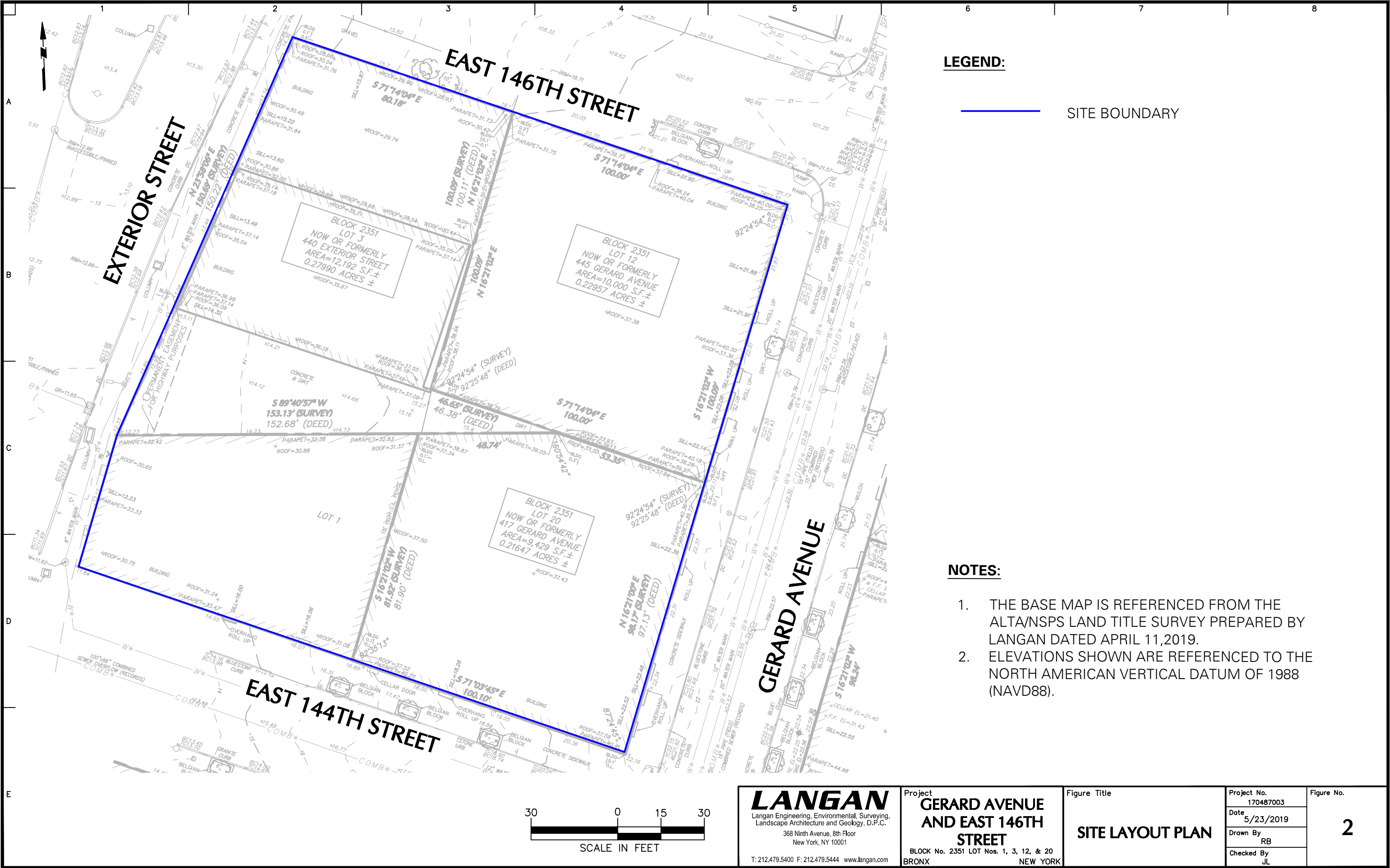
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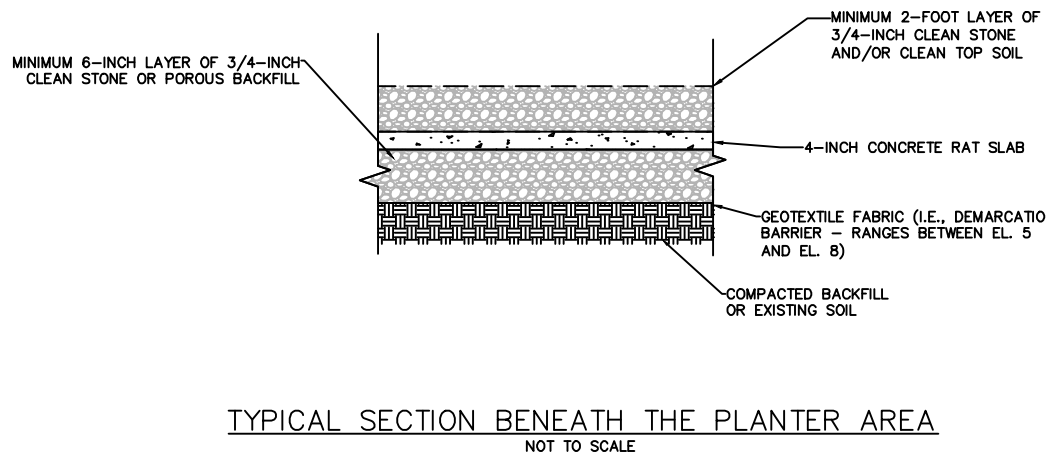
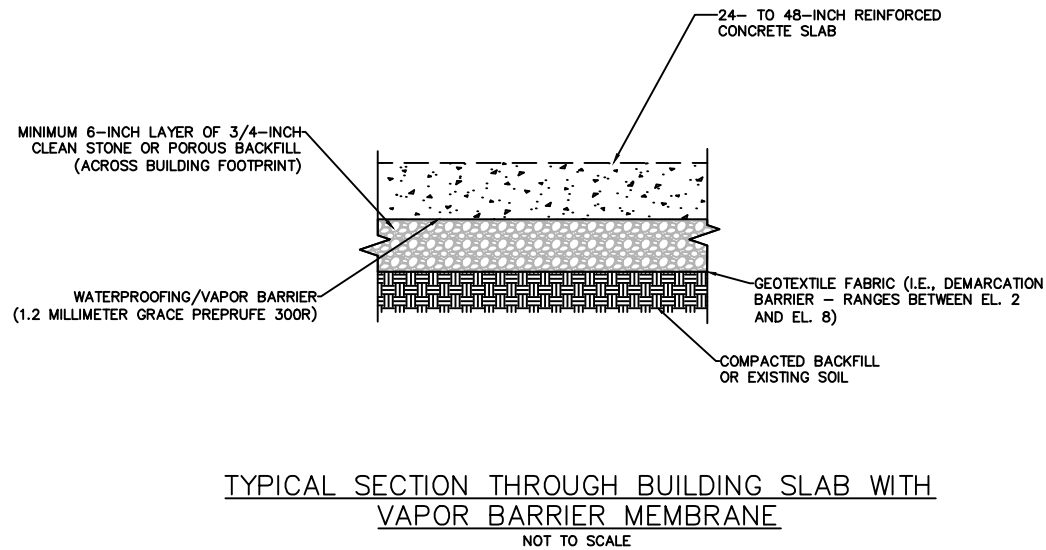
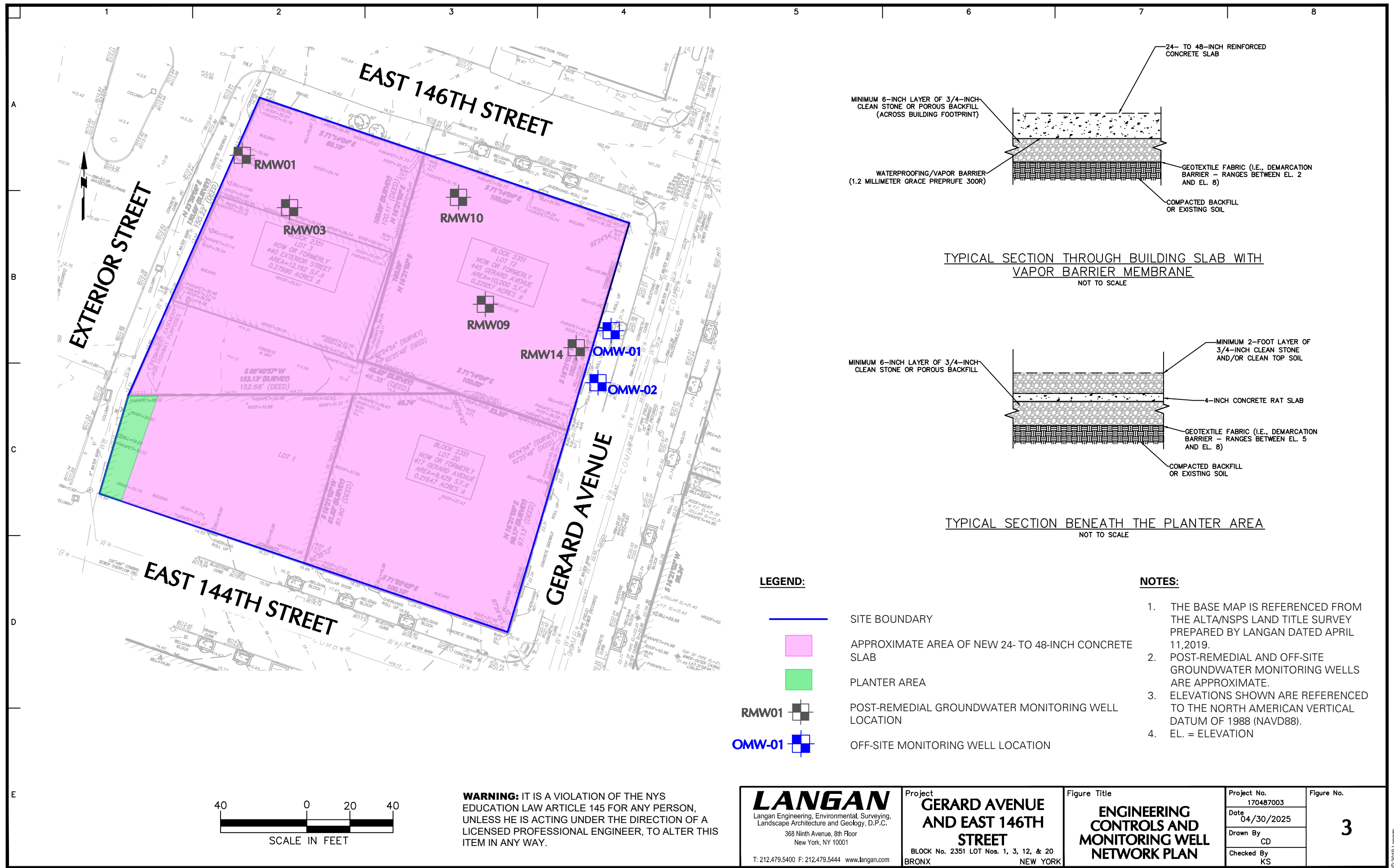
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KS

Figure No.

1





APPENDIX A

ENVIRONMENTAL EASEMENT

**ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36
OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW**

THIS INDENTURE made this 12th day of October, 2021, between Owner, 445 Gerard Owner LLC, having an office at 11 Park Place, Suite 1705, New York, New York 10007 (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the addresses of 404 Major William Deegan Blvd., 440 Major William Deegan Blvd., 445 Gerard Avenue and 417 Gerard Avenue in the City of New York, County of Bronx and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 2351 Lots 1, 3, 12 and 20, being the same as that property conveyed to Grantor by deed dated December 31, 2020 and recorded in the City Register of the City of New York as CRFN # 2021000004641. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.87445 +/- acres, and is hereinafter more fully described in the Land Title Survey dated June 4, 2021 prepared by Paul Fisher, L.L.S. of Langan Engineering, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C203111-05-18, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. **Purposes.** Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. **Institutional and Engineering Controls.** The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii),
Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial
as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to

use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

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

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her 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

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest

in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Number: C203111
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to: Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the

Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

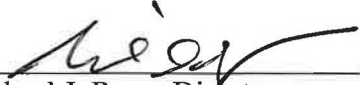
9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

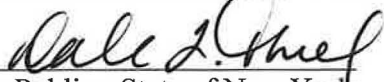
THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: 
Michael J. Ryan, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 12th day of October, in the year 2021, before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.


Notary Public - State of New York

Dale L. Thiel
Notary Public, State of New York
Qualified in Columbia County
No 01TH6414394
Commission Expires February 22/2025

SCHEDULE "A" PROPERTY DESCRIPTION

SURVEY DESCRIPTION DEC EASEMENT (BLOCK 2351 LOTS 1, 3, 12, & 20)

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH AND COUNTY OF BRONX, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE NORTHERLY SIDE OF EAST 144TH STREET (60' WIDE) WITH THE EASTERLY SIDE OF EXTERIOR STREET (AKA MAJOR DEEGAN BOULEVARD) (IRREGULAR WIDTH), AND RUNNING THENCE;

NORTHERLY ALONG SAID EASTERLY SIDE OF EXTERIOR STREET, N16°21'00"E 47.46 FEET TO A POINT, THENCE;

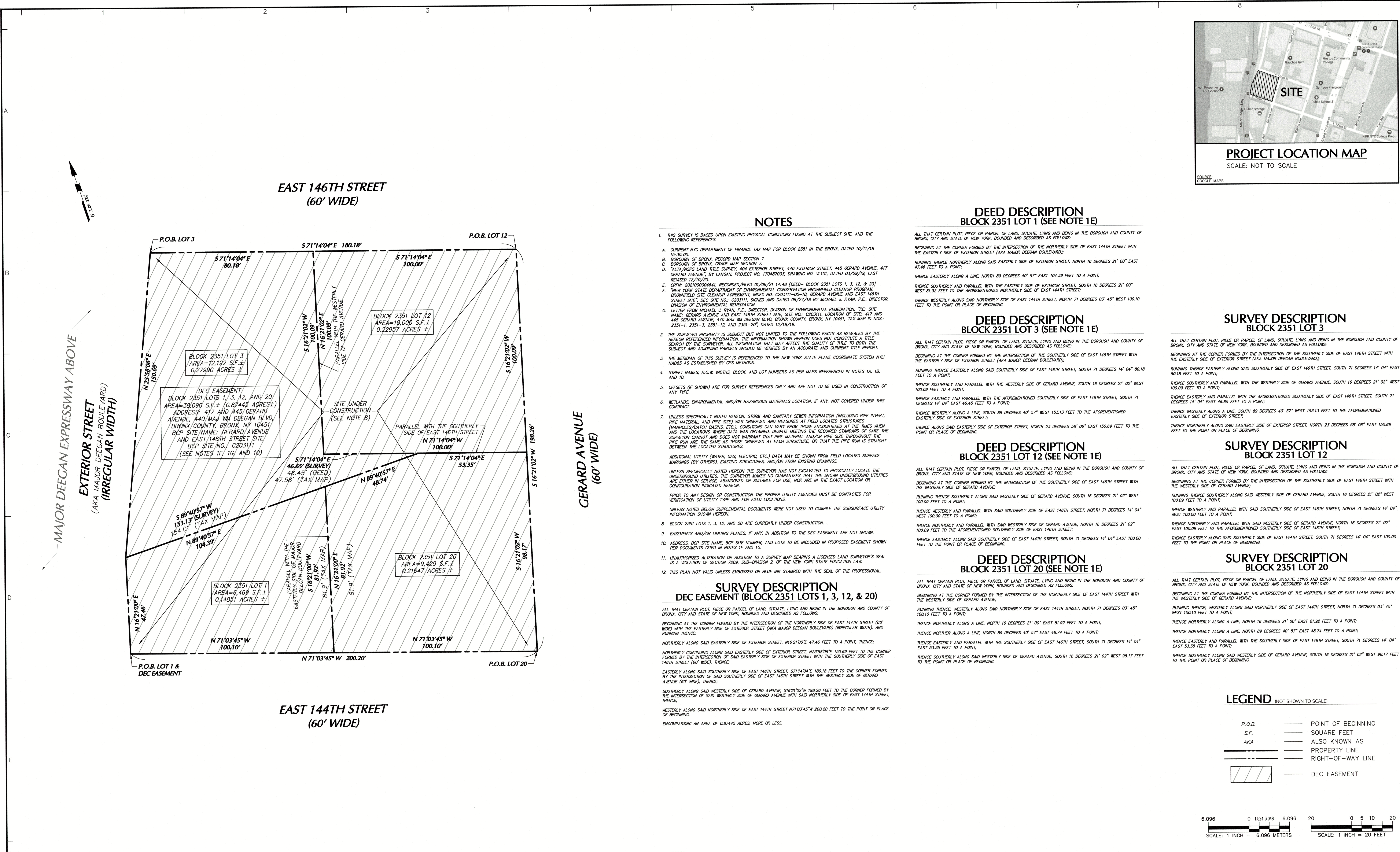
NORTHERLY CONTINUING ALONG SAID EASTERLY SIDE OF EXTERIOR STREET, N23°58'06"E 150.69 FEET TO THE CORNER FORMED BY THE INTERSECTION OF SAID EASTERLY SIDE OF EXTERIOR STREET WITH THE SOUTHERLY SIDE OF EAST 146TH STREET (60' WIDE), THENCE;

EASTERLY ALONG SAID SOUTHERLY SIDE OF EAST 146TH STREET, S71°14'04"E 180.18 FEET TO THE CORNER FORMED BY THE INTERSECTION OF SAID SOUTHERLY SIDE OF EAST 146TH STREET WITH THE WESTERLY SIDE OF GERARD AVENUE (60' WIDE), THENCE;

SOUTHERLY ALONG SAID WESTERLY SIDE OF GERARD AVENUE, S16°21'02"W 198.26 FEET TO THE CORNER FORMED BY THE INTERSECTION OF SAID WESTERLY SIDE OF GERARD AVENUE WITH SAID NORTHERLY SIDE OF EAST 144TH STREET, THENCE;

WESTERLY ALONG SAID NORTHERLY SIDE OF EAST 144TH STREET N71°03'45"W 200.20 FEET TO THE POINT OR PLACE OF BEGINNING.

ENCOMPASSING AN AREA OF 0.87445 ACRES, MORE OR LESS.



THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT derweb@dec.ny.gov.

Date	Description	No.
REVISIONS		

"I hereby state that this plan is based on a field survey made by me or under my immediate supervision in accordance with NYSPLS Code of Practice, and to the best of my professional knowledge, information and belief, and in my professional opinion, the same conforms to the conditions found on the site at the time of the survey at the subject property."

SIGNATURE: PAUL FISHER
DATE SIGNED: 05-20-21
PROFESSIONAL LAND SURVEYOR NY Lic. No. 050784-1

LANGAN
Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
417 AND 445 GERARD AVENUE, 440 MAJ WM DEEGAN BLVD, BRONX COUNTY, BRONX, NY 10451
BCP SITE NAME: GERARD AVENUE AND EAST 146TH STREET SITE
BCP SITE NO.: C203111
BLOCK No. 2351, LOT Nos. 1, 3, 12, & 20
BOROUGH OF BRONX
CITY OF NEW YORK

Drawing Title
DEC EASEMENT SURVEY

Project No.
170487003

Date
06/04/21

Scale
1"=20'

Drawn By
LB

Checked By
PDF

Drawing No.
DEC101

Sheet 001 of 001

APPENDIX B

IC/EC CERTIFICATION FORM



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



Site Details

Site No. **C203111** **Box 1**

Site Name Gerard Avenue and East 146th Street Site

Site Address: 417 and 445 Gerard Ave, 440 Maj. Wm. Deegan Blvd, Zip Code: 10451
City/Town: Bronx
County: Bronx
Site Acreage: 0.874

Reporting Period: February 28, 2025 to February 28, 2026

- | | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 1. Is the information above correct? | ☒ | ☐ |
| 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? | ☐ | ☒ |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | ☐ | ☒ |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | ☐ | ☒ |
| 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? | ☐ | ☒ |

- | | Box 2 | |
|---|-------------------------------------|--------------------------|
| | YES | NO |
| 6. Is the current site use consistent with the use(s) listed below?
Restricted-Residential, Commercial, and Industrial | ☒ | ☐ |
| 7. Are all ICs in place and functioning as designed? | ☒ | ☐ |

**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. C203111	Box 3
Description of Institutional Controls	

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
2351-1	445 Gerard Owner LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan
- Compliance with the Environmental Easement and SMP - Operation and maintenance of Environmental Controls as specified in the SMP - Inspection of all Engineering Controls at frequency specified in the SMP - Reporting of data at frequency specified in SMP Institutional Controls in the form of site restrictions: - Long-term IC/EC must be employed to allow for restricted residential, commercial or industrial use - Property may not be used for a higher level of use - Future activities disturbing remaining contamination must be adhere to SMP - Prohibited use of groundwater without treatment - Prohibited farming and vegetable gardens - Periodic review and certification at frequency specified in the SMP - Monitoring to assess the performance and effectiveness of the remedy as defined in the SMP - Access to the site must be provided to NYS with reasonable prior notice		
2351-12	445 Gerard Owner LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan
- Compliance with the Environmental Easement and SMP - Operation and maintenance of Environmental Controls as specified in the SMP - Inspection of all Engineering Controls at frequency specified in the SMP - Reporting of data at frequency specified in SMP Institutional Controls in the form of site restrictions: - Long-term IC/EC must be employed to allow for restricted residential, commercial or industrial use - Property may not be used for a higher level of use - Future activities disturbing remaining contamination must be adhere to SMP - Prohibited use of groundwater without treatment - Prohibited farming and vegetable gardens - Periodic review and certification at frequency specified in the SMP - Monitoring to assess the performance and effectiveness of the remedy as defined in the SMP - Access to the site must be provided to NYS with reasonable prior notice		
2351-20	445 Gerard Owner LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan
- Compliance with the Environmental Easement and SMP - Operation and maintenance of Environmental Controls as specified in the SMP - Inspection of all Engineering Controls at frequency specified in the SMP - Reporting of data at frequency specified in SMP Institutional Controls in the form of site restrictions: - Long-term IC/EC must be employed to allow for restricted residential, commercial or industrial use - Property may not be used for a higher level of use - Future activities disturbing remaining contamination must be adhere to SMP - Prohibited use of groundwater without treatment - Prohibited farming and vegetable gardens		

- Periodic review and certification at frequency specified in the SMP
- Monitoring to assess the performance and effectiveness of the remedy as defined in the SMP
- Access to the site must be provided to NYS with reasonable prior notice

2351-3

445 Gerard Owner LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

- Compliance with the Environmental Easement and SMP
- Operation and maintenance of Environmental Controls as specified in the SMP
- Inspection of all Engineering Controls at frequency specified in the SMP
- Reporting of data at frequency specified in SMP

Institutional Controls in the form of site restrictions:

- Long-term IC/EC must be employed to allow for restricted residential, commercial or industrial use
- Property may not be used for a higher level of use
- Future activities disturbing remaining contamination must be adhere to SMP
- Prohibited use of groundwater without treatment
- Prohibited farming and vegetable gardens
- Periodic review and certification at frequency specified in the SMP
- Monitoring to assess the performance and effectiveness of the remedy as defined in the SMP
- Access to the site must be provided to NYS with reasonable prior notice

Box 4

Description of Engineering Controls

Parcel

Engineering Control

2351-1

Cover System

Cover System

2351-12

Cover System
Monitoring Wells

Site Cover

2351-20

Cover System

Site Cover

2351-3

Cover System
Monitoring Wells

- Site Cover

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 complete.

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. C203111**

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 Chris Papamichael at 417 and 445 Gerard Ave Bronx, NY 10451,
print name print business address

am certifying as Authorized Signatory (Owner or Remedial Party)

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


Chris Papamichael (Mar 19, 2026 11:47:35 EDT)
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

03/19/2026
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 JASON HAYES at 360 W 31 ST ST., 8TH FL, New York, NY
print name print business address

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



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

Stamp
(Required for PE)

3-25-2024
Date

APPENDIX C

DAILY FIELD REPORTS

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Thursday, May 29, 2025
PROJECT: 445 Gerard Avenue		WEATHER: Overcast, 60-65 °F Wind: NE @ 2 – 4 mph
LOCATION: Brooklyn, New York		TIME: 7:30 am – 4:30 pm
BCP Site Number: C203111		MONITOR: Shawn Martin
EQUIPMENT: Photoionization detector (PID) Peristaltic Pump Horiba U-52 Multiparameter Water Quality Meter Solinst Water Level Meter	PRESENT AT SITE: Langan: Shawn Martin	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan. Site Activities - Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.0 parts per million (ppm) and 0.1 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed from purged groundwater from wells RMW03 and RMW09. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future disposal. Material Tracking - No material was exported from the site. - No material was imported to the site. Sampling - Langan collected three groundwater samples, RMW03_052925, RMW09_052925, and RMW14_052925 plus quality assurance/quality control (QA/QC) samples, to be analyzed for volatile organic compounds (VOCs). - Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols. CAMP Activities - Community air monitoring was not implemented as ground intrusive work was not being performed. Anticipated Activities - The next round of groundwater sampling is scheduled for August 2025.		
Cc: B. Gochenaur, M. Aronica, C. Devin (Langan)	By: Shawn Martin	LANGAN

Site Photographs:



Photo 1: View of groundwater sampling at monitoring well RMW09



Photo 2: View of purged groundwater stored in labeled 55-gallon drum.

Cc: B. Gochenaur, M. Aronica, C. Devin
(Langan)

By: Shawn Martin
LANGAN

Figure 1: Site Map



Legend:

- Site Boundary
- Purged and sampled groundwater monitoring well
- Location of 55-gallon drum

Cc: B. Gochenaur, M. Aronica, C. Devin
(Langan)

By: Shawn Martin
LANGAN

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Friday, August 29, 2025
PROJECT: 445 Gerard Avenue		WEATHER: Sunny, 66-72 °F Wind: N @ 1– 2 mph
LOCATION: Brooklyn, New York		TIME: 10:00 am – 3:30 pm
BCP Site Number: C203111		MONITOR: Shawn Martin

EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	PRESENT AT SITE: Langan: Shawn Martin
---	--

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:
Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan.

Site Activities

- Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.9 parts per million (ppm) and 2.9 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed in water purged from well RMW03 and RMW09. Visual signs of impacts were not observed. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future off-site disposal.

Material Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected three groundwater samples, RMW03_082925, RMW09_082925, and RMW14_082925 plus quality assurance/quality control (QA/QC) samples, to be analyzed for volatile organic compounds (VOCs).
Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

CAMP Activities

- Community air monitoring was not implemented as ground intrusive work was not being performed.

Anticipated Activities

Langan will continue to conduct quarterly sampling per the Groundwater Treatment Work Plan in November 2025.

Cc:	B. Gochenaur, M. Aronica, C. Devin (Langan)	By:	Shawn Martin
			LANGAN

Site Photographs:



Photo 1: View of groundwater sampling at monitoring well RMW03



Photo 2: View of purged groundwater stored in labeled 55-gallon drum.

Cc:	B. Gochenaur, M. Aronica, C. Devin (Langan)	By:	Shawn Martin LANGAN
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Figure 1: Site Map



Legend:

- Site Boundary
- Purged and Sampled Monitoring Well
- Location of 55-gallon Drum

Cc: B. Gochenaur, M. Aronica, C. Devin
(Langan)

By: Shawn Martin
LANGAN

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Thursday, November 20, 2025
PROJECT: 445 Gerard Avenue		WEATHER: Overcast, 55-60 °F Wind: NE @ 0– 1 mph
LOCATION: Brooklyn, New York		TIME: 7:00am – 2:00 pm
BCP Site Number: C203111		MONITOR: Shawn Martin
EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	PRESENT AT SITE: Langan: Shawn Martin	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan. Site Activities - Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.0 parts per million (ppm) and 0.3 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed in water purged from well RMW03 and RMW09. Visual signs of impacts were not observed. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future disposal. Material Tracking - No material was exported from the site. - No material was imported to the site. Sampling - Langan collected three groundwater samples, RMW03_112025, RMW09_112025, and RMW14_112025 plus quality assurance/quality control (QA/QC) samples, to be analyzed for Part 375/Target Compound List (TCL) volatile organic compounds (VOCs). Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols. CAMP Activities - Community air monitoring was not implemented as ground intrusive work was not being performed. Anticipated Activities Langan will continue to conduct quarterly sampling per the Groundwater Treatment Work Plan in February 2026.		
Cc: L. Esmail, C. Devin (Langan)	By: Shawn Martin	LANGAN

Site Photographs



Photo 1: View of groundwater sampling at monitoring well RMW09.

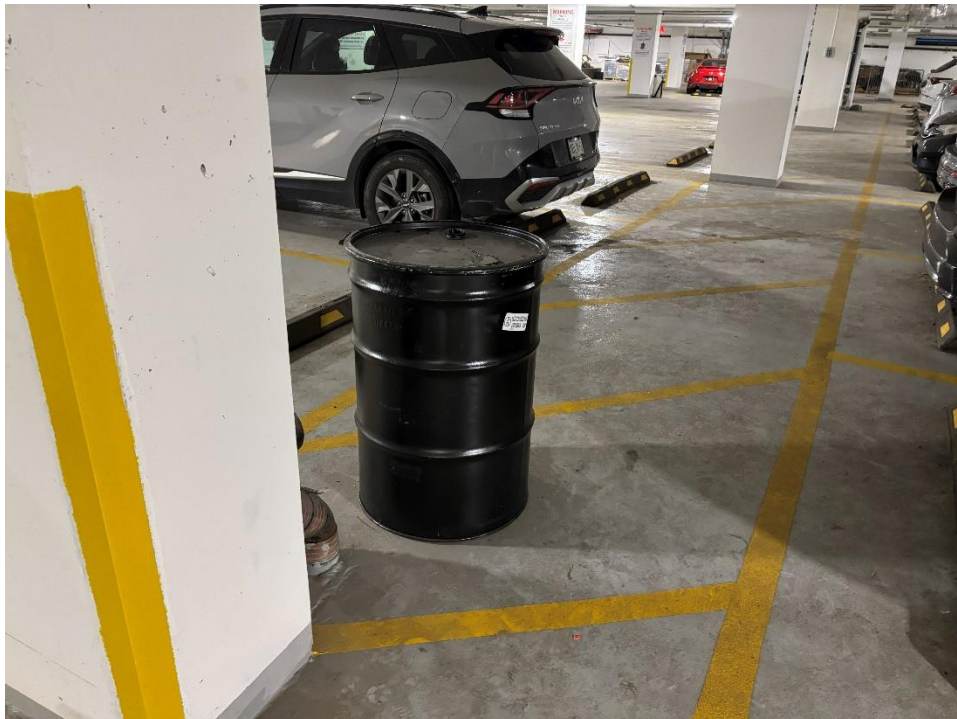


Photo 2: View of purged groundwater stored in labeled 55-gallon drum.

Cc: L. Esmail, C. Devin (Langan)

By: Shawn Martin

LANGAN

Figure 1: Site Map



Legend:

- Site Boundary
- Purged and sampled monitoring well
- Location of 55-gallon drum

Cc: L. Esmail, C. Devin (Langan)

By: Shawn Martin

LANGAN

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001 PROJECT: 445 Gerard Avenue LOCATION: Brooklyn, New York BCP Site Number: C203111	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Thursday, February 12, 2026 WEATHER: Sunny, 21-36 °F Wind: S @ 2– 3 mph TIME: 9:00am – 3:30 pm MONITOR: Shawn Martin								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> PRESENT AT SITE: Langan: Shawn Martin </td> </tr> </table>			EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	PRESENT AT SITE: Langan: Shawn Martin						
EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	PRESENT AT SITE: Langan: Shawn Martin									
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan. <u>Site Activities</u> - Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.0 parts per million (ppm) and 0.8 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed in water purged from wells RMW03 and RMW09. Visual signs of impacts were not observed. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future disposal. <u>Material Tracking</u> - No material was exported from the site. - No material was imported to the site. <u>Sampling</u> - Langan collected three groundwater samples, RMW03_021226, RMW09_021226, and RMW14_021226 plus quality assurance/quality control (QA/QC) samples, to be analyzed for volatile organic compounds (VOCs). Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols. <u>CAMP Activities</u> - Community air monitoring was not implemented as ground intrusive work was not being performed. <u>Anticipated Activities</u> None.										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Cc:</td> <td style="width: 40%;">B. Gochenaur, L. Esmail, C. Devin (Langan)</td> <td style="width: 15%;">By:</td> <td style="width: 30%;">Shawn Martin</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">LANGAN</td> </tr> </table>			Cc:	B. Gochenaur, L. Esmail, C. Devin (Langan)	By:	Shawn Martin				LANGAN
Cc:	B. Gochenaur, L. Esmail, C. Devin (Langan)	By:	Shawn Martin							
			LANGAN							

Site Photographs:



Photo 1: View of groundwater sampling at monitoring well RMW09.



Photo 2: View of purged groundwater from RMW14 compared to the PetroFix 50 milligrams per liter (mg/L) standard.

Cc:	B. Gochenaur, L. Esmail, C. Devin (Langan)	By:	Shawn Martin LANGAN
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Figure 1: Site Map



Legend:

- Site Boundary
- Purged and sampled monitoring well
- Location of 55-gallon drum

Cc:	B. Gochenaur, L. Esmail, C. Devin (Langan)	By:	Shawn Martin LANGAN
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APPENDIX D

SITE INSPECTION FORMS

Summary of Green Remediation Metrics for Site Management

Site Name: Gerard Avenue and East 146th Street Site Code: C203111

Address: 404 Exterior Street, 417 and 445 Gerard Avenue, and 440 Major Wm Deegan Boulevard

City: Bronx State: NY Zip Code: 10451 County: Bronx

Initial Report Period (Start Date of period covered by the Initial Report submittal)

Start Date: _____

Current Reporting Period

Reporting Period From: _____ To: _____

Contact Information

Preparer's Name: Caroline Devin Phone No.: (212) 479-5400

Preparer's Affiliation: Langan

I. Energy Usage: Quantify the amount of energy used directly on-site and the portion of that derived from renewable energy sources.

	Current Reporting Period	Total to Date
Fuel Type 1 (e.g. natural gas (cf))		
Fuel Type 2 (e.g. fuel oil, propane (gals))	N/A	N/A
Electricity (kWh)		
Of that Electric usage, provide quantity:		
Derived from renewable sources (e.g. solar, wind)	N/A	N/A
Other energy sources (e.g. geothermal, solar thermal (Btu))	N/A	N/A

Provide a description of all energy usage reduction programs for the site in the space provided on Page 5.

II. Solid Waste Generation: Quantify the management of solid waste generated on-site.

	Current Reporting Period (tons)	Total to Date (tons)
Total waste generated on-site		
OM&M generated waste		18 Gallons of purged groundwater
Of that total amount, provide quantity:		
Transported off-site to landfills		
Transported off-site to other disposal facilities	N/A	N/A
Transported off-site for recycling/reuse		
Reused on-site	N/A	N/A

Provide a description of any implemented waste reduction programs for the site in the space provided on Page 5.

III. Transportation/Shipping: Quantify the distances travelled for delivery of supplies, shipping of laboratory samples, and the removal of waste.

	Current Reporting Period (miles)	Total to Date (miles)
Standby Engineer/Contractor	575 miles	575 miles
Laboratory Courier/Delivery Service	218.4 miles	777.2 miles
Waste Removal/Hauling		

Provide a description of all mileage reduction programs for the site in the space provided on Page 5. Include specifically any local vendor/services utilized that are within 50 miles of the site.

IV. Water Usage: Quantify the volume of water used on-site from various sources.

	Current Reporting Period (gallons)	Total to Date (gallons)
Total quantity of water used on-site		
Of that total amount, provide quantity:		
Public potable water supply usage		
Surface water usage	N/A	N/A
On-site groundwater usage	N/A	N/A
Collected or diverted storm water usage	N/A	N/A

Provide a description of any implemented water consumption reduction programs for the site in the space provided on Page 5.

V. Land Use and Ecosystems: Quantify the amount of land and/or ecosystems disturbed and the area of land and/or ecosystems restored to a pre-development condition (i.e. Green Infrastructure).

	Current Reporting Period (acres)	Total to Date (acres)
Land disturbed	N/A	N/A
Land restored	N/A	N/A

Provide a description of any implemented land restoration/green infrastructure programs for the site in the space provided on Page 5.

Description of green remediation programs reported above

(Attach additional sheets if needed)

Energy Usage:

Waste Generation:

18 gallons of purged groundwater from the quarterly groundwater sampling events were generated for future off-site disposal.

Transportation/Shipping:

The laboratory courier travelled approximately 218.4 miles to drop off and pick up jar ware/ samples during the quarterly groundwater sampling events in 2025 and 2026.

The Langan engineer travelled approximately 575 miles for quarterly groundwater sample events and the PRR site inspection.

Water usage:

Land Use and Ecosystems:

N/A

Other:

N/A

SITE INSPECTION CHECKLIST

Site Name: GERARD AVE & E 146th STREET Location: Bronx, NY Project Number: 170487003
Inspector Name: Shawn Martin Date: 2/18/2026 Weather Conditions: 35°F; Partly Cloudy; 5mph W

Reason for Inspection (i.e., routine, severe condition, etc.):
Routine
Check one of the following:
(Y: Yes N: No N/A: Not Applicable)

		Y	N	N/A	Normal Situation	Remarks
General						
1	What are the current site conditions?	-	-	-	X	The site is currently developed with a multi-family high rise residential building with resident parking.
2	Are all applicable site records (e.g., documentation of construction activity, SMD system maintenance and repair, most current easement, etc.) complete and up to date?	X			X	Langan retains copies of these documents.
Environmental Easement						
3	Has site use (restricted residential) remained the same?	X			X	
4	Does it appear that all environmental easement restrictions have been followed?	X			X	
Impermeable Cap						
5	Are there any indications of a breach in the capping system at the time of this inspection?		X		X	
6	Are there any cracks in the building slabs?		X		X	
7	Are there any cracks in the building walls?		X		X	
8	Is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that included the breaching of the capping system, on-site at the time of this inspection?		X		X	
9	If YES to number 8, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed?			X	X	
***	If the answer to any of the above questions indicate non-compliance with any Institutional Controls/Engineering Controls (ICs/ECs) for the site, additional remarks must be provided and, where applicable, documentation attached to this checklist detailing additional inspection and repair activities.					

Additional remarks:

- Minimum Inspection Schedule:
- Site-wide inspections will be conducted annually, per certification year, at a minimum.
 - Additional inspections will also be conducted at times of severe weather condition events.
 - All inspection events will use this checklist.

APPENDIX E

PHOTOGRAPH LOG

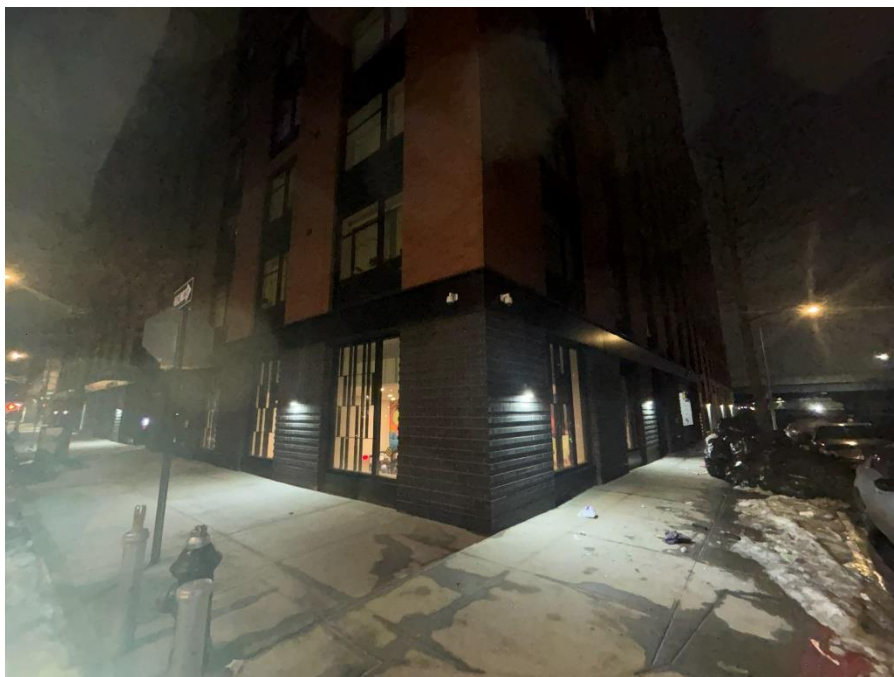


Photo 1: General view of the site exterior



Photo 2: View of the sidewalk along the western part of the site.



Photo 3: View of surface cover in a common area

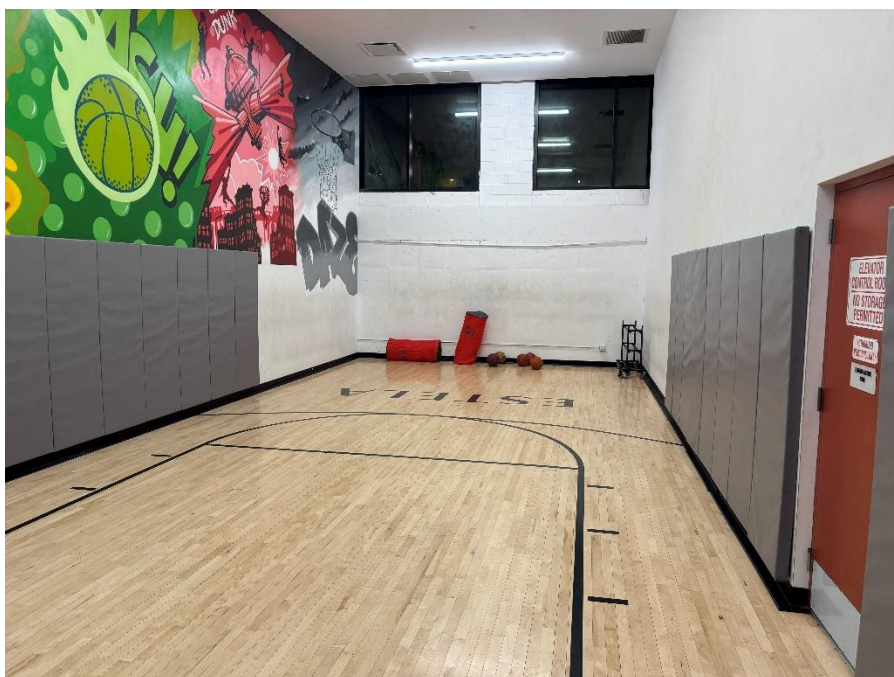


Photo 4: View of basketball court constructed over surface cover within a common recreational area

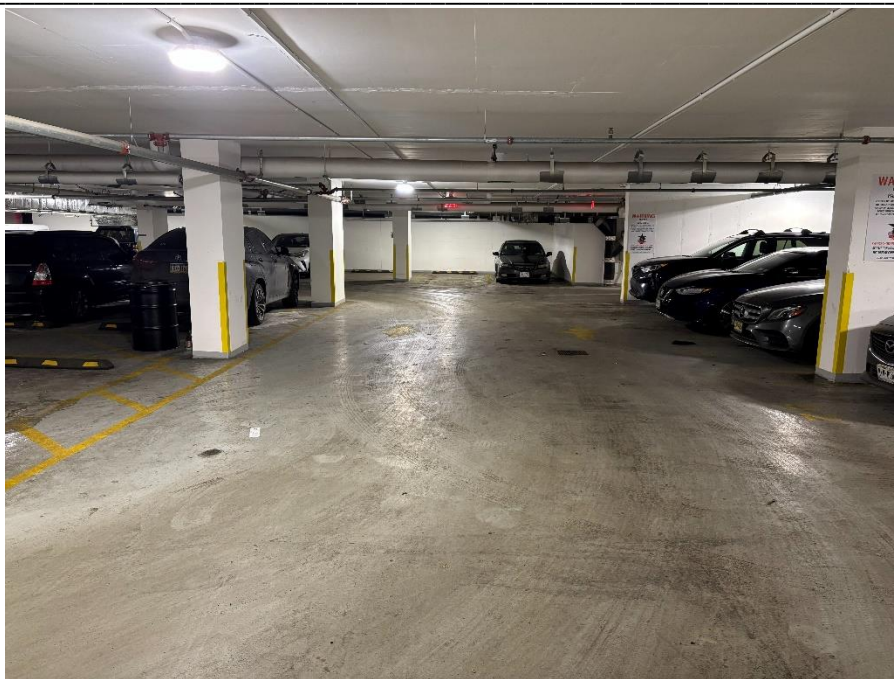


Photo 5: View of surface cover within the parking garage



Photo 6: General view of surface cover in the building cellar

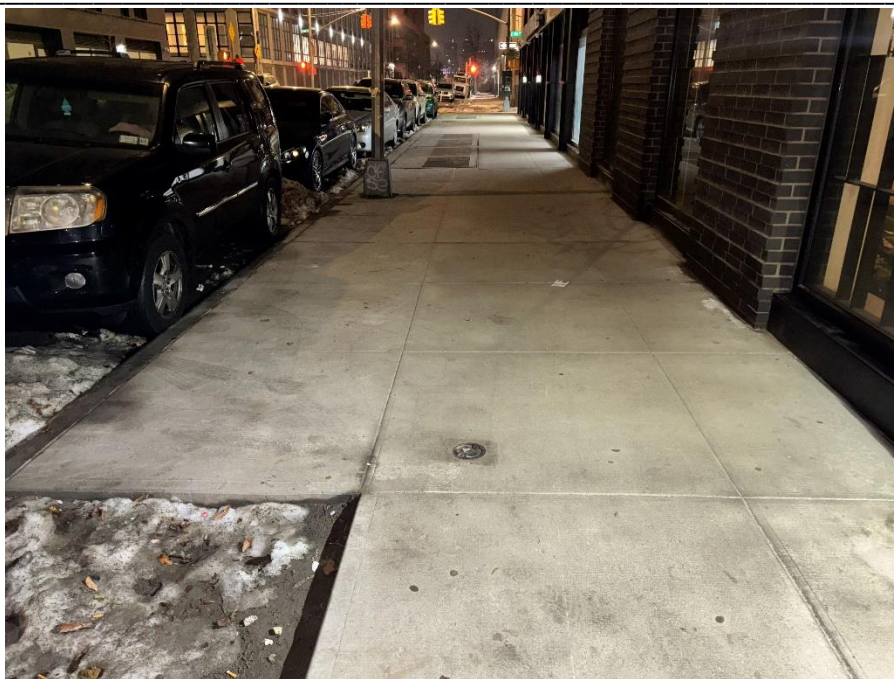


Photo 7: View of off-site groundwater monitoring well OMW-02.



Photo 8: View of off-site groundwater monitoring well OMW-01



Photo 9: View of post-remediation groundwater monitoring well RMW03

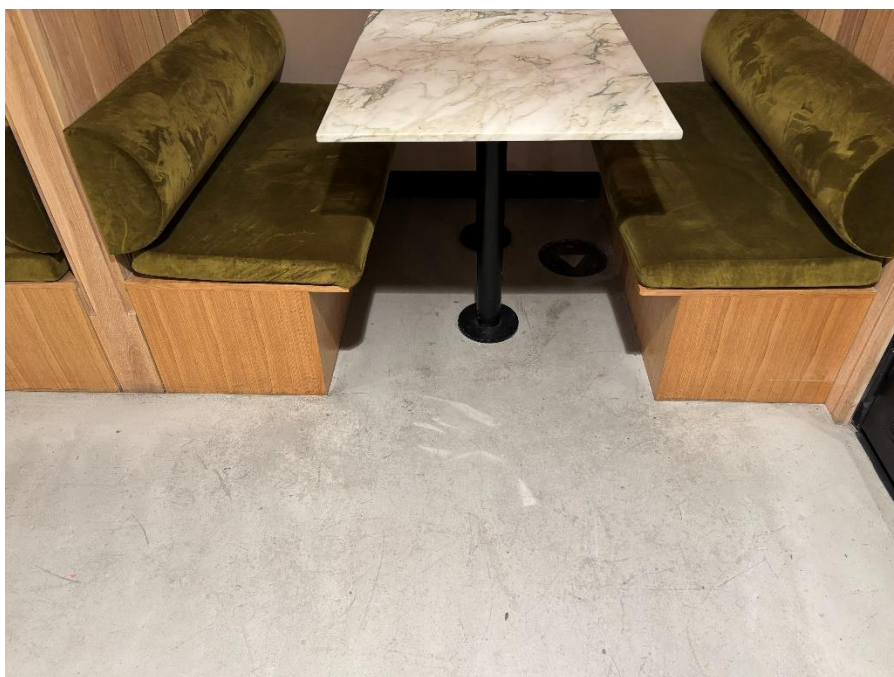


Photo 10: View of post-remediation groundwater monitoring well RMW14.

APPENDIX F

QUARTERLY GROUNDWATER MONITORING REPORTS

September 10, 2025

Ms. Brittany Taranto
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12207

**RE: May 2025 Groundwater Monitoring Report
Gerard Avenue and East 146th Street
Bronx, New York
NYSDEC BCP Site No. C203111
Langan Project No.: 170487003**

Dear Brittany Taranto,

In accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan, Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) conducted groundwater sampling at 445 Gerard Avenue (the site) located in the Mott Haven neighborhood of the Bronx, New York. A site location map is provided as Figure 1. Sampling was conducted on May 29, 2025, and is the first sampling event completed following the implementation of the supplemental groundwater treatment program, which was implemented between February 24 and February 28, 2025, to address residual petroleum impacts in groundwater.

Project Background

The about 38,000-square-foot (0.87 acre) site is identified as Block 2351, Lots 1, 3, 12, and 20 on the New York City Bronx Borough Tax Map. The site was developed into a 12-story mixed-use commercial and residential building with a partial cellar. A site layout plan is provided as Figure 2.

Petroleum-impacted soil, groundwater, and soil vapor attributed to former on-site operations and petroleum bulk storage were identified in the northern part of the site during a Remedial Investigation (RI) performed between December 2018 and January 2019. Based on these findings, Spill No. 1705596 was assigned. A NYSDEC-approved in-situ chemical oxidation (ISCO) program was implemented between November 2020 and January 2021 to target petroleum-related VOCs and semivolatile organic compounds (SVOCs) in groundwater. Excavation and off-site disposal of contaminated fill/soil, decommissioning of underground storage tanks (USTs), and installation of permanent groundwater monitoring wells was completed between February and June 2021 in accordance with the NYSDEC-approved April 28, 2020 Remedial Action Work Plan (RAWP). A Track 4 remedy was achieved and a certificate of completion (COC) was issued on December 28, 2021. Following completion of the ISCO program and site-wide remedy, five post-remedial groundwater monitoring wells were installed (RMW01, RMW03,

RMW09, RMW10, and RMW14) and eight quarterly sampling events were completed between April 2021 and January 2023 in accordance with the December 21, 2021 Site Management Plan (SMP). Langan requested the discontinuation of groundwater monitoring in the April 4, 2023 Eighth Quarterly Groundwater Monitoring Report. Although remaining VOC and SVOC contamination was present, most significantly in RMW14, consistent reduction had been observed and significant further reduction was not anticipated. In the July 6, 2023 Eighth Quarterly Groundwater Monitoring Report & Periodic Review Report comment letter, the NYSDEC requested that an additional sampling event (Q9) be conducted, including a synoptic gauging of the monitoring wells and development of a groundwater contour map.

The Q9 sampling event was performed in September 2023. Results indicated that SVOCs are no longer present at concentrations exceeding the NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA drinking water (herein collectively referenced as NYSDEC SGVs). Residual VOC impacts remained only in RMW14, except for benzene in RMW09. Geochemical parameters, specifically dissolved oxygen, has depleted, indicated that subsurface conditions no longer appear to be favorable for breakdown of petroleum-related compounds.

Langan reviewed the results of the Q9 sampling event with the NYSDEC on January 30, 2024. Although natural attenuation may have been occurring at RMW14, additional groundwater treatment in the vicinity of RMW14 was discussed as a final step to reduce VOC impacts. The NYSDEC agreed with this approach and recommended continued groundwater monitoring at select locations.

February 2025 Groundwater Treatment Work Plan Injection Implementation

In accordance with the December 2, 2024 Groundwater Treatment Work Plan, a series of three remedial technologies, 1) adsorption and bioremediation using PetroFix™, 2) chemical flocculation by calcium chloride, and 3) an Oxygen Reduction Compound (ORC) Advanced® sock were selected to address residual petroleum-related VOCs in groundwater. PetroFix™ is a proprietary product developed by Regenesis Remediation Solutions (Regenesis) that provides an adsorptive media onto which the dissolved VOCs can partition. In turn, attached microbial growth occurs on the surface of the adsorptive media, resulting in contaminant destruction via biodegradation. PetroFix™ employs the techniques of organic polymer dispersion chemistry to suspend activated carbon particles in a colloidal matrix. A calcium chloride flush can be used to prevent or “park” colloidal suspensions of carbon by flocculation, facilitating bonding between particles to create larger aggregates that can be separated, resulting in improved aquifer clarification. Finally, the application of ORC Advanced® to the subsurface via socks can enhance biological activity, which accelerates the rate of naturally-occurring aerobic biodegradation in groundwater.

The injection program was implemented by Regenesis and Coastal Environmental Solutions (Coastal) under the oversight of Langan between February 24 and February 28, 2025. Coastal injected PetroFix™ solution directly into post-remedial monitoring well RMW14 and off-site monitoring wells OMW-01 and OMW-02 using a “bottom-up”

approach. Flexible hose extended from a mixing tank to the injection pump, and then to an injection manifold at the drill rig. A hollow steel injection rod delivered the PetroFix™ under low pressures ranging from 10 to 50 pounds per square inch (psi) so to not significantly alter groundwater elevation. The injection rod was gradually pulled upward through the target interval, about 15 to 30 feet below grade surface (bgs) in off-site monitoring wells, and about 17 to 27 feet bgs in monitoring well RMW14. Approximately 800 pounds of PetroFix™ were injected over the course of the program.

Following PetroFix™ injections, a calcium chloride flush was applied to RMW14. The calcium chloride flush consisted of injecting 29 gallons of fresh water, followed by 16.6 pounds of calcium chloride with 33 gallons of fresh water, and a final 29 gallons of fresh water into monitoring well RMW14 at pressures similar to that of the PetroFix™ application. ORC Advanced® socks consisting of 31, 1-foot socks laced together, were suspended in RMW14 to be left in place for up to nine months.

Periodic Groundwater Sampling

Eight quarterly post-injection sampling events were completed in accordance with the SMP and a ninth post-injection sampling event was completed at the request of the NYSDEC. Monitoring was conducted at five post-injection permanent monitoring wells (RMW01, RMW03, RMW09, RMW10, and RMW14) that were installed following the initial injection program during implementation of the remedy. Results identified remaining petroleum-related VOC impacts in the northern part of the site, particularly in the vicinity of groundwater monitoring well RWM14, following completion of the ISCO program.

Per the groundwater treatment work plan, performance monitoring will be conducted quarterly at RMW03, RMW09, and RMW14 for at least a year following the February 2025 injection program. Locations of RMW03, RMW09, and RMW14 are shown on Figure 3.

Well Purging and Sampling

Monitoring well sampling was conducted on May 29, 2025. Samples were collected in accordance with the procedures set forth in the United States Environmental Protection (USEPA) low-flow groundwater sampling procedure ("Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", EQASOP-GW 001, January 19, 2010) to allow for collection of a representative sample. Purging was performed using a peristaltic pump fitted with dedicated tubing at all wells. During purging, the turbidity, pH, temperature, conductivity, oxidation- reduction potential (ORP), and dissolved oxygen (DO) were monitored using a Horiba U-52 water quality meter with a flow-through cell. Purging was considered complete after three well volumes were purged or after groundwater quality parameters had stabilized for three successive readings within a reasonable time frame. The purged water was containerized into a 55-gallon drum and temporarily stored in a secured area pending proper off-site disposal. Daily field reports are included in Attachment A. The groundwater quality parameters were recorded on the Well Purging and Sampling Logs provided in Attachment B.

After purging each well, a groundwater sample was collected directly from the pump discharge line using USEPA low-flow techniques. For quality assurance and quality control (QA/QC), one field blank sample, one trip blank, one duplicate sample, and one matrix

spike/matrix spike duplicate (MS/MSD) sample were collected. All samples were analyzed for Part 375/Target Compound List (TCL) VOCs by Pace Analytical Services, LLC (Pace), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Westborough, Massachusetts (ELAP ID No. 11148). Groundwater quality parameters stabilized in RMW03 and RMW09 prior to sampling. Parameters did not stabilize in RMW14; however, a groundwater sample was collected after three well volumes were purged. Prior to sampling, the ORP levels ranged from -119 to 221 millivolts (mV), turbidity ranged from 0.0 to >1,000 NTUs, and dissolved oxygen ranged from 0.0 to 4.94 milligrams per liter (mg/L). The high turbidity observed in monitoring well RMW14 is due to residual activated carbon (i.e., PetroFix™) suspended within the groundwater.

The laboratory analytical results for the baseline sampling event and the May 2025 sampling event are summarized in Table 1. Laboratory analytical reports are provided as Attachment C. Groundwater analytical results were compared to the NYSDEC SGVs.

May 2025 Performance Monitoring Analytical Results

Analytical results from the May 2025 performance monitoring are summarized as follows:

- RMW03: One VOC, benzene, was detected above its NYSDEC SGV (1 microgram per liter [ug/L]) at a concentration of 8.3 ug/L and 9.5 ug/L (DUP01_052925).
- RMW09: One VOC, benzene, was detected above its NYSDEC SGV (1 microgram per liter [ug/L]) at a concentration of 17 ug/L.
- RMW14: VOCs were not detected above the NYSDEC SGVs.

VOCs are no longer detected above the NYSDEC SGVs in RMW14. Only one VOC, benzene, was detected above its NYSDEC SGV in RMW03 and RMW09. However, the concentrations of benzene during this sampling event were similar to those observed in previous sampling events between 2021 and 2023. During the baseline sampling event in August 2024, benzene was also detected in RMW03 at a similar concentration.

Data Validation

Copies of the Analytical Services Protocol (ASP) Category B laboratory reports were submitted to Langan's data validation department for review in accordance with the USEPA validation guidelines for organic and inorganic data. The data were found to be 100% acceptable. The Data Usability Summary Report (DUSR) is included in Attachment D.

Closure

Only one VOC, benzene, was detected above its NYSDEC SGV in groundwater monitoring wells RMW03 and RMW09. However, the concentrations of benzene during this sampling event were similar to those observed in previous sampling events between 2022 and 2023. VOCs did not exceed the NYSDEC SGVs in RMW14, indicating that the February 2025 injection event successfully reduced the concentration of petroleum-related compounds. The groundwater monitoring wells will continue to be sampled on a quarterly basis, and the next quarterly sampling event is planned for August 2025.

Should you have any questions, please call the undersigned at 212-479-5479.

Sincerely,

**Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology, D.P.C.**



Brian Gochenaur
Associate Principal

Enclosures:

Table 1 Groundwater Sample Analytical Results – May 2025

Figure 1 Site Location Map

Figure 2 Site Layout Plan

Figure 3 Groundwater Sample Results Map

Attachment A Daily Site Observation Report

Attachment B Well Purging and Sampling Logs

Attachment C Laboratory Analytical Report

Attachment D Data Usability Summary Report

TABLE

Table 1
Groundwater Sample Analytical Results - May 2025

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q3	Q3	Q4	Q4	Q5	Q6	Q6	Q7	Q8	Q8	Q9	August 2024	May 2025	May 2025	
			Location	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03
			Sample Name	RMW03_110520	RMW03_041521	RMW03_070821	RMW03_101121	GWDUP01_101121	RMW03_011222	DUP01_011222	RMW03_040722	RMW03_071322	DUP01_071322	RMW03_100522	RMW03_011223	DUP01_011223	RMW03_092723	RMW03_080824	RMW03_052925	DUP01_052925	
			Sample Date	11/05/2020	04/15/2021	07/08/2021	10/11/2021	10/11/2021	01/12/2022	01/12/2022	04/07/2022	07/13/2022	07/13/2022	10/05/2022	01/12/2023	01/12/2023	09/27/2023	08/08/2024	05/29/2025	05/29/2025	
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 UJ	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	19	2.8	1.3 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	1.6 J	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	0.47 J	0.26 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	0.17 J	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 UJ	<250 U	<500 UJ	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<500 U	<250 U	<250 U	<250 U	<250 U	<250 U	
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 UJ	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
4-Ethyltoluene	622-96-8	NS	ug/l	2.6	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	
Acetone	67-64-1	50	ug/l	<5 UJ	13	5.5 J	<5 U	<5 U	<5 UJ	<5 U	7.3	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	2 J	<5 UJ	<5 UJ	
Acrylonitrile	107-13-1	5	ug/l	<5 UJ	<5 U	<10 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	
Benzene	71-43-2	1	ug/l	9.4	22	43	24	23	55	61	<0.5 U	<0.5 U	<0.5 U	<0.5 U	30	23	<0.5 U	4.8	8.3	9.5	
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Bromodichloromethane	75-27-4	50	ug/l	<0.5 UJ	<0.5 U	<1 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.52	0.47 J	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	

Table 1
Groundwater Sample Analytical Results - May 2025

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q3	Q4	Q6	Q5	Q6	Q7	Q8	Q9	August 2024	May 2025	
			Location	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09
			Sample Name	RMW09_110520	RMW09_041921	RMW09_070721	RMW09_101221	RMW09_011222	RMW09_040722	DUP01_040722	RMW09_071422	RMW09_100522	RMW09_011323	RMW09_092823	RMW09_080724	RMW09_052925	
			Sample Date	11/05/2020	04/19/2021	07/07/2021	10/12/2021	01/12/2022	04/07/2022	04/07/2022	07/14/2022	10/05/2022	01/13/2023	09/28/2023	08/07/2024	05/29/2025	
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<2.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<7.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	
1,1-Dichloroethane	75-34-3	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,1-Dichloroethene	75-35-4	5	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
1,1-Dichloropropene	563-58-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<12 UJ	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	31	1.9 J	<2 U	0.58 J	28	20	14	19	<2 U	1.8 J	<2 U	<2 U	2	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<12 UJ	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	41	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<12 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<10 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,2-Dichloroethane	107-06-2	0.6	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
1,2-Dichloropropane	78-87-5	1	ug/l	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	0.81 J	<1 U	<1 U	<1 U	<1 U	<1 U	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	13	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,3-Dichloropropane	142-28-9	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	8.3 J	<4 U	<2 U	<2 U	7.3	6.7	6.6	4.5	<2 U	<2 U	<2 U	<2 U	<2 U	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<1,200 UJ	<500 U	<250 UJ	<250 UJ	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	
2,2-Dichloropropane	594-20-7	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
2-Chlorotoluene	95-49-8	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
2-Hexanone (MBK)	591-78-6	50	ug/l	<25 UJ	<10 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	
4-Chlorotoluene	106-43-4	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
4-Ethyltoluene	622-96-8	NS	ug/l	19	<4 U	<2 U	<2 U	1 J	0.8 J	<2 U	0.71 J	<2 U	<2 U	<2 U	<2 U	<2 U	
Acetone	67-64-1	50	ug/l	16 J	59	18 J	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	2.1 J	<5 U	<5 U	<5 UJ	
Acrylonitrile	107-13-1	5	ug/l	<25 UJ	<10 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	
Benzene	71-43-2	1	ug/l	700	0.95 J	0.26 J	1.8	130	170	73	17	<0.5 U	44	3.7	<0.5 U	17	
Bromobenzene	108-86-1	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Bromochloromethane	74-97-5	5	ug/l	<12 U	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Bromodichloromethane	75-27-4	50	ug/l	<2.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
Bromoform	75-25-2	50	ug/l	<10 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	
Bromomethane	74-83-9	5	ug/l	<12 UJ	<5 U	2 J	<2.5 UJ	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	
Carbon Disulfide	75-15-0	60	ug/l	<25 UJ	<10 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	
Carbon Tetrachloride	56-23-5	5	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
Chlorobenzene	108-90-7	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Chloroethane	75-00-3	5	ug/l	<12 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Chloroform	67-66-3	7	ug/l	<12 U	<5 U	<2.5 U	0.73 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Chloromethane	74-87-3	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
Cymene	99-87-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	0.82 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	
Dibromochloromethane	124-48-1	50	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	
Dibromomethane	74-95-3	5	ug/l														

Table 1
Groundwater Sample Analytical Results - May 2025

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	August 2024	May 2025	
			Location	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14
			Sample Name	RMWV14_110520	RMWV14_041921	RMWV14_070721	DUP01_070721	RMWV14_101221	RMWV14_011222	RMWV14_040822	RMWV14_071422	RMWV14_100522	RMWV14_011323	RMWV14_092823	RMWV14_080724	RMWV14_052925	
			Sample Date	11/05/2020	04/19/2021	07/07/2021	07/07/2021	10/12/2021	01/12/2022	04/08/2022	07/14/2022	10/05/2022	01/13/2023	09/28/2023	08/07/2024	05/29/2025	
Unit				Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<1 UJ	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<3 U	<3 U	<1.5 U	<1.5 U	<7.5 U	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<3 U	<3 U	
1,1-Dichloroethane	75-34-3	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,1-Dichloroethene	75-35-4	5	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	
1,1-Dichloropropene	563-58-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<5 UJ	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	120	79	70	72	29	40	22	38	46	52	36	20	<4 U	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 UJ	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	66	2.5 J	16	12	7.3 J	16	45	79	24	23	13	6.5	<5 U	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<5 UJ	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<4 U	<4 U	<2 U	<2 U	<10 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<4 U	<4 U	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,2-Dichloroethane	107-06-2	0.6	ug/l	1	<1 U	0.97	1.1	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	
1,2-Dichloropropane	78-87-5	1	ug/l	<2 U	<2 U	<1 U	<1 U	<5 U	<1 U	<1 U	<1 U	1.9 J	<1 U	<1 U	<2 U	<2 U	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	250	220	74	87	12	30	7.8	9.2	4.1 J	5.1	2.8	<5 U	<5 U	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,3-Dichloropropane	142-28-9	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	20	64	14	15	5.8 J	8.2	5.4	11	13	13	8.8	8.2	<4 U	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<500 UJ	<500 U	<250 UJ	<250 UJ	<1,200 UJ	<250 U	<250 U	<250 U	<500 U	<250 U	<250 U	<500 U	<500 U	
2,2-Dichloropropane	594-20-7	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
2-Chlorotoluene	95-49-8	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
2-Hexanone (MBK)	591-78-6	50	ug/l	<10 UJ	4.9 J	<5 UJ	<5 UJ	<25 U	<5 U	<5 U	5.8	<10 U	<5 U	<5 U	<10 U	<10 U	
4-Chlorotoluene	106-43-4	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
4-Ethyltoluene	622-96-8	NS	ug/l	46	32	29	29	23	17	14	39	12	9.7	4.2	6.5	<4 U	
Acetone	67-64-1	50	ug/l	4.9 J	26	200 J	<5 UJ	<25 UJ	<5 UJ	39	28	<10 U	<5 U	<5 U	<10 U	4.1 J	
Acrylonitrile	107-13-1	5	ug/l	<10 UJ	<10 U	<5 UJ	<5 UJ	<25 UJ	<5 U	<5 U	<5 UJ	<10 U	<5 U	<5 U	<10 U	<10 U	
Benzene	71-43-2	1	ug/l	7	7.1	6.5	7.4	4.2	0.72	1.3	1.1	1	0.83	0.31 J	<1 U	<1 U	
Bromobenzene	108-86-1	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
Bromochloromethane	74-97-5	5	ug/l	<5 U	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
Bromodichloromethane	75-27-4	50	ug/l	<1 UJ	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	
Bromoform	75-25-2	50	ug/l	<4 U	<4 U	<2 U	<2 U	<10 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<4 U	<4 U	
Bromomethane	74-83-9	5	ug/l	<5 UJ	<5 U	<2.5 U	<2.5 U	<12 UJ	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 UJ	<2.5 U	<5 U	<5 U	
Carbon Disulfide	75-15-0	60	ug/l	<10 UJ	<10 U	<5 UJ	<5 UJ	<25 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<10 U	<10 U	
Carbon Tetrachloride	56-23-5	5	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	
Chlorobenzene	108-90-7	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
Chloroethane	75-00-3	5	ug/l	<5 UJ	8.6	4.8	4.8	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
Chloroform	67-66-3	7	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
Chloromethane	74-87-3	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 UJ	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	3.5 J	
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	
Cymene	99-87-6	5	ug/l	8.3	8.3	7.5	6.8	<12 U	3.5	5.3	4.8	4.3 J	5.1	3.1	<5 U	<5 U	
Dibromochloromethane	124-48-1	50	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	
Dibromomethane	74-95-3	5	ug/l	<10 U	<10 U	<5 U	<5 U	<25 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<10 U	<10 U	
Dichlorodifluoromethane	75-71-8	5	ug/l	<10 UJ	<10 U	<5 U	<5 U	<25 UJ	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<10 U	<10 U	
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<									

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

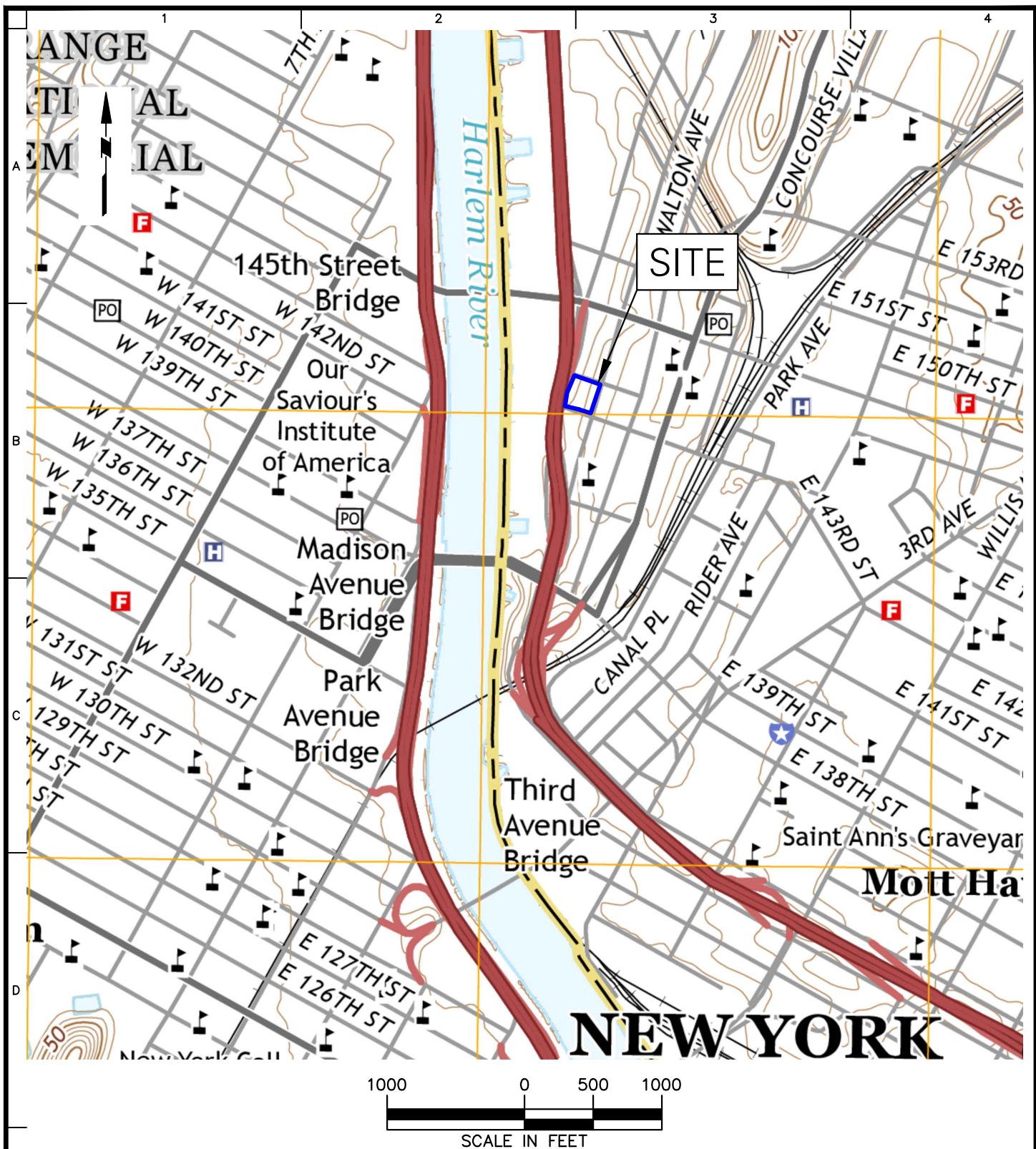
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

FIGURES



— SITE BOUNDARY

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE MAP, DATED 2016

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Project

GERARD AVENUE AND EAST 146TH STREET

BLOCK No. 2351, LOT Nos. 1, 3, 12, & 20

BRONX

NEW YORK

Figure Title

SITE LOCATION MAP

Project No.

170487003

Date

08/27/2021

Drawn By

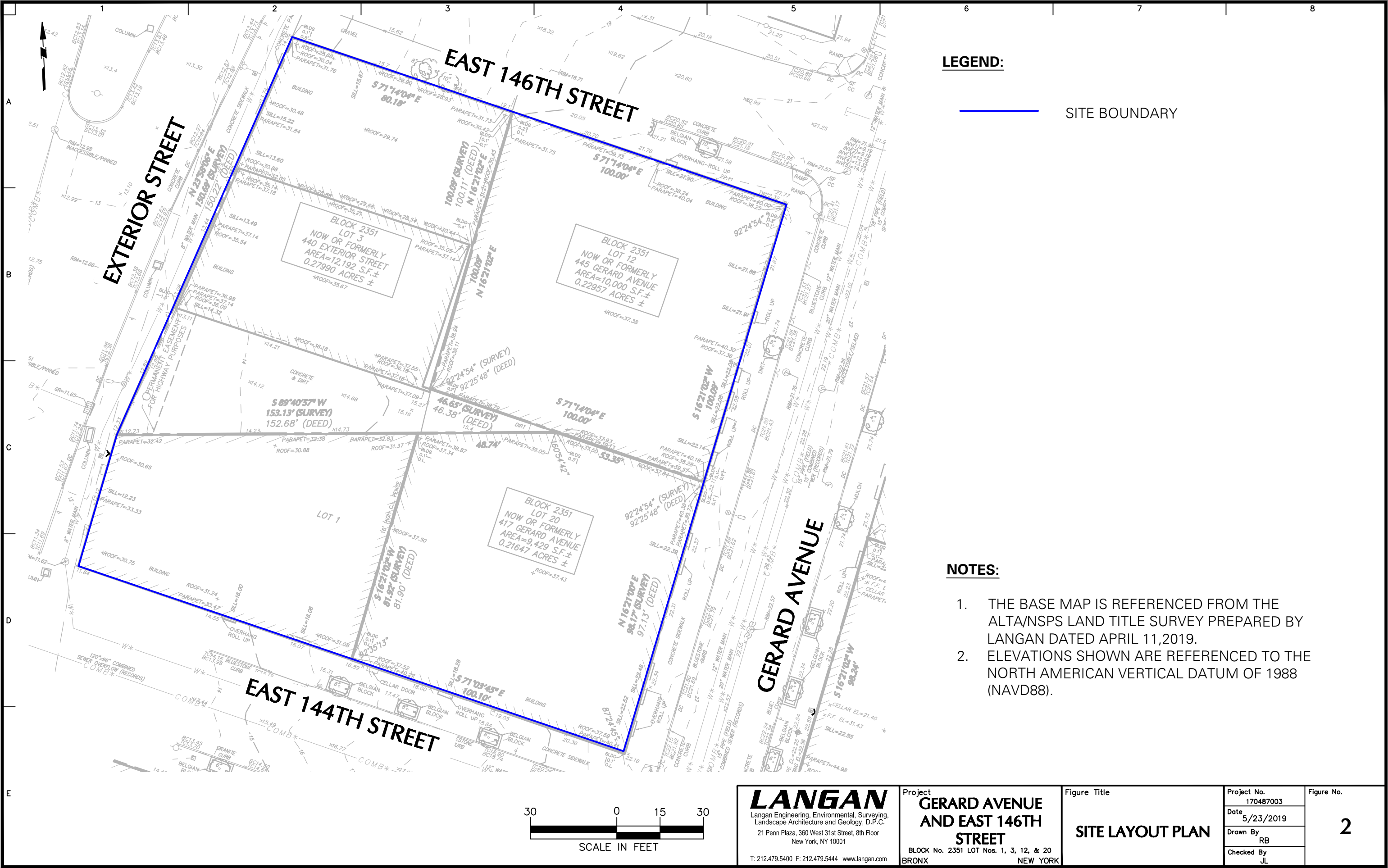
LE

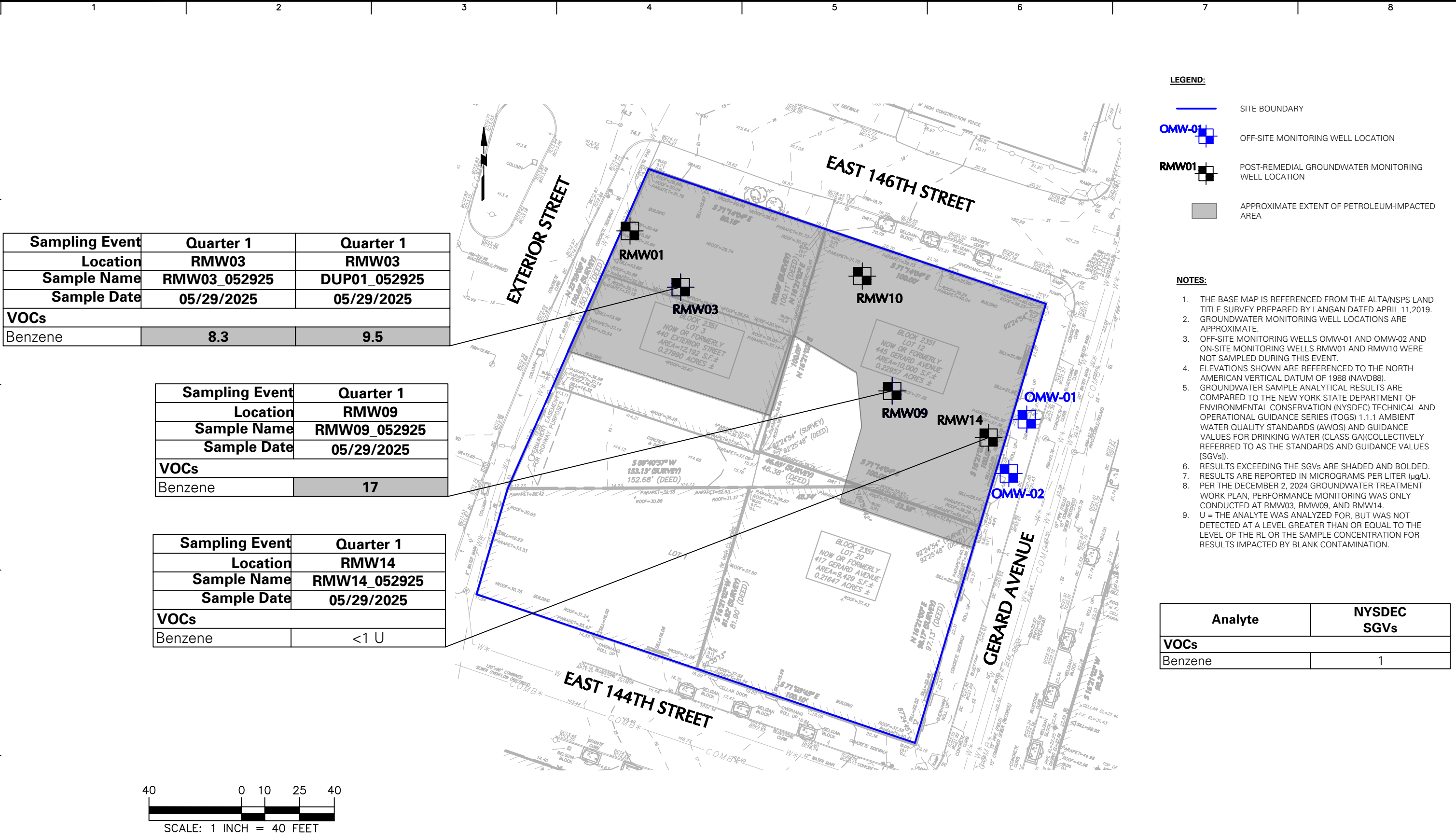
Checked By

KS

Figure No.

1





WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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Project
**GERARD AVENUE
AND EAST 146TH
STREET**
BLOCK No. 2351 LOT Nos. 1, 3, 12, & 20
BRONX NEW YORK

Figure Title
**GROUNDWATER
SAMPLE RESULTS
MAP**

Project No.
170487003
Date
7/1/2025
Drawn By
CD
Checked By
LE

Figure No.
3

ATTACHMENT A

Daily Site Observation Report

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001 PROJECT: 445 Gerard Avenue LOCATION: Brooklyn, New York BCP Site Number: C203111	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Thursday, May 29, 2025 WEATHER: Overcast, 60-65 °F Wind: NE @ 2 – 4 mph TIME: 7:30 am – 4:30 pm MONITOR: Shawn Martin
EQUIPMENT: Photoionization detector (PID) Peristaltic Pump Horiba U-52 Multiparameter Water Quality Meter Solinst Water Level Meter	PRESENT AT SITE: Langan: Shawn Martin	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan.		
<u>Site Activities</u> Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.0 parts per million (ppm) and 0.1 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed from purged groundwater from wells RMW03 and RMW09. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future disposal.		
<u>Material Tracking</u> - No material was exported from the site. - No material was imported to the site.		
<u>Sampling</u> - Langan collected three groundwater samples, RMW03_052925, RMW09_052925, and RMW14_052925 plus quality assurance/quality control (QA/QC) samples, to be analyzed for volatile organic compounds (VOCs). - Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.		
<u>CAMP Activities</u> Community air monitoring was not implemented as ground intrusive work was not being performed.		
<u>Anticipated Activities</u> The next round of groundwater sampling is scheduled for August 2025.		
Cc:	B. Gochenaur, M. Aronica, C. Devin (Langan)	By: Shawn Martin LANGAN

Site Photographs:



Photo 1: View of groundwater sampling at monitoring well RMW09



Photo 2: View of purged groundwater stored in labeled 55-gallon drum.

Cc: B. Gochenaur, M. Aronica, C. Devin
(Langan)

By: Shawn Martin
LANGAN

Figure 1: Site Map



Legend:

- Site Boundary
- Purged and sampled groundwater monitoring well
- Location of 55-gallon drum

Cc: B. Gochenaur, M. Aronica, C. Devin
(Langan)

By: Shawn Martin
LANGAN

ATTACHMENT B

Well Purging and Sampling Logs

Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW03	Water Quality Device Model:	Horiba U-52		Weather:	Overcast, 60-65		Sample(s):	RMW03_052925
Project Number:	170487001	Well Depth:	15.75	Pine Number:	AF36		Background PID (ppm):	0.00			
Site Location:	Bronx, NY	Well Diameter:	2 inch	Pump Make and Model:	Peristaltic Pump		PID Beneath Inner Cap (ppm):	0.00			
Sampling Personnel:	Shawn Martin	Well Screen Interval:		Pine Number:	GEO2757		Pump Intake Depth:	15 feet		Sample Date:	05/29/25
				Tubing Diameter:	1/4" LDPE		Depth to Water Before Purge:	11.18 feet		Sample Time:	12:40
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)							
BEGIN PURGING											
11:45	17.52	7.42	-87	3.980	37.6	0.76	11.18	0.1	0.05		N/A
11:50	17.16	7.63	-152	3.350	0.4	0.13	12.10	0.1	0.1		N/A
11:55	17.21	7.67	-156	3.480	3.1	0.15	13.35	0.1	0.2		N
12:00	17.12	7.70	-168	3.700	3.1	0.06	13.75	0.1	0.5		N
12:05	17.10	7.67	-170	3.910	3.8	0.00	13.91	0.1	0.75		N
12:10	17.08	7.69	-174	4.060	4.6	0.00	14.00	0.1	1		N
12:15	17.08	7.75	-177	4.220	5.0	0.00	14.18	0.1	1.25		N
12:20	17.08	7.72	-182	4.430	4.9	0.00	14.25	0.1	1.5		N
12:25	17.08	7.71	-185	4.630	5.0	0.00	14.39	0.1	1.75		N
12:30	17.07	7.71	-189	4.650	4.8	0.00	14.47	0.1	2		N
12:35	17.06	7.70	-184	4.690	5.0	0.00	14.51	0.1	2.25		Y

Notes:

- Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
- Well and tubing diameters are measured in inches.
- PID = Photoionization Detector
- PPM = Parts per million
- pH = Hydrogen ion concentration
- ORP = Oxidation-reduction potential, measured in millivolts (mV)
- DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
- DTW = Depth to water
- mS/cm = milli-Siemens per centimeter
- NTU = Nephelometric Turbidity Unit

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Project Information		Well Information		Equipment Information		Sampling Conditions			Sampling Information		
Project Name:	445 Gerard Avenue	Well No:	RMW09	Water Quality Device Model:	Horiba U-52	Weather:		Overcast, 60-65	Sample(s):	RMW09_052925	
Project Number:	170487001	Well Depth:	16.90	Pine Number:	AF36	Background PID (ppm):		0.00			
Site Location:	Bronx, NY	Well Diameter:	2 inch	Pump Make and Model:	Peristaltic Pump	PID Beneath Inner Cap (ppm):		0.10	Sample Date:	05/29/2025	
Sampling Personnel:	Shawn Martin	Well Screen Interval:		Pine Number:	GEO2757	Pump Intake Depth:		16 feet			
				Tubing Diameter:	1/4" LDPE	Depth to Water Before Purge:		12.02 feet	Sample Time:	11:00	
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)							
BEGIN PURGING											
10:00	18.21	7.25	167	3.400	14.6	0.10	12.02	0.3	0.1		N/A
10:05	18.09	7.22	76	3.240	9.2	0.08	12.56	0.1	0.4		N/A
10:10	18.09	7.20	26	3.140	2.1	0.08	13.04	0.1	0.6		N
10:15	18.06	7.19	-13	3.060	5.0	0.05	13.05	0.2	0.8		N
10:20	18.05	7.18	-54	2.970	5.7	0.08	13.05	0.1	1		N
10:25	18.02	7.15	-79	2.870	6.2	0.07	13.05	0.1	1.2		N
10:30	18.00	7.16	-99	3.860	6.2	0.05	13.05	0.1	1.4		N
10:35	18.00	7.13	-106	3.750	3.4	0.07	13.05	0.1	1.6		N
10:40	18.01	7.12	-111	3.670	3.0	0.04	13.05	0.1	2		N
10:45	18.03	7.11	-116	3.540	0.8	0.03	13.05	0.1	2.2		N
10:50	18.02	7.10	-117	3.520	0.6	0.02	13.05	0.1	2.5		N
10:55	18.02	7.10	-119	3.460	0.0	0.02	13.05	0.05	2.75		Y
Notes: 1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point. 2. Well and tubing diameters are measured in inches. 3. PID = Photoionization Detector 4. PPM = Parts per million 5. pH = Hydrogen ion concentration 6. ORP = Oxidation-reduction potential, measured in millivolts (mV) 7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L) 8. DTW = Depth to water 9. mS/cm = milli-Siemens per centimeter 10. NTU = Nephelometric Turbidity Unit											
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 368 Ninth Avenue 8th Floor, New York, New York											

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information			
Project Name:	445 Gerard Avenue	Well No:	RMW14	Water Quality Device Model:	Horiba U-52	Weather:	Overcast, 60-65	Sample(s):	RMW14_052925		
Project Number:	170487001	Well Depth:	14.98	Pine Number:	AF36	Background PID (ppm):	0.00				
Site Location:	Bronx, NY	Well Diameter:	2 inch	Pump Make and Model:	Peristaltic Pump	PID Beneath Inner Cap (ppm):	0.00				
Sampling Personnel:	Shawn Martin	Well Screen Interval:		Pine Number:	GEO2757	Pump Intake Depth:	14.90	Sample Date:	05/29/2025		
				Tubing Diameter:	1/4" LDPE	Depth to Water Before Purge:	13.20	Sample Time:	15:00		
STABILIZATION = 3 successive readings within limits											
TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:25	18.81	7.96	142	3.510	1000.0	3.01	13.20	0.1	0.1		N/A
13:55	18.98	7.80	173	3.450	1000.0	3.61	13.70	0.1	0.2		N/A
14:25	19.36	7.32	221	3.330	741.0	4.94	13.70	0.1	0.3		N
Notes: 1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point. 2. Well and tubing diameters are measured in inches. 3. PID = Photoionization Detector 4. PPM = Parts per million 5. pH = Hydrogen ion concentration 6. ORP = Oxidation-reduction potential, measured in millivolts (mV) 7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L) 8. DTW = Depth to water 9. mS/cm = milli-Siemens per centimeter 10. NTU = Nephelometric Turbidity Unit											
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ATTACHMENT C

Laboratory Analytical Report



ANALYTICAL REPORT

Lab Number:	L2533501
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Meghan Aronica
Phone:	(212) 479-5499
Project Name:	445 GERARD AVENUE
Project Number:	170487001
Report Date:	06/12/25

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

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

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



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2533501-01	RMW09_052925	WATER	445 GERARD AVENUE, BRONX, NY	05/29/25 11:00	05/29/25
L2533501-02	RMW03_052925	WATER	445 GERARD AVENUE, BRONX, NY	05/29/25 12:40	05/29/25
L2533501-03	FB01_052925	WATER	445 GERARD AVENUE, BRONX, NY	05/29/25 14:50	05/29/25
L2533501-04	RMW14_052925	WATER	445 GERARD AVENUE, BRONX, NY	05/29/25 15:00	05/29/25
L2533501-05	DUP01_052925	WATER	445 GERARD AVENUE, BRONX, NY	05/29/25 00:00	05/29/25
L2533501-06	TB01_052925	WATER	445 GERARD AVENUE, BRONX, NY	05/29/25 00:00	05/29/25

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Case Narrative

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

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

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

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

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

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

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Case Narrative (continued)

Report Submission

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

Sample Receipt

The project number was specified by the client.

Volatile Organics

L2533501-04D: The sample has elevated detection limits due to the dilution required by the sample matrix (black particles).

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

Authorized Signature:

Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative

Date: 06/12/25

ORGANICS

VOLATILES

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-01
 Client ID: RMW09_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 11:00
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 06/10/25 15:02

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	17		ug/l	0.50	0.16	1
Toluene	0.71	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.94	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-01**Date Collected:** 05/29/25 11:00**Client ID:** RMW09_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.80	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	2.8		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE

Lab Number: L2533501

Project Number: 170487001

Report Date: 06/12/25

SAMPLE RESULTS

Lab ID: L2533501-01

Date Collected: 05/29/25 11:00

Client ID: RMW09_052925

Date Received: 05/29/25

Sample Location: 445 GERARD AVENUE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.3	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	2.0		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-02
 Client ID: RMW03_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 12:40
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 06/10/25 15:26

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	8.3		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.85	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-02
 Client ID: RMW03_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 12:40
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.6	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-02**Date Collected:** 05/29/25 12:40**Client ID:** RMW03_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-03
 Client ID: FB01_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 14:50
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/10/25 15:50
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.93	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-03**Date Collected:** 05/29/25 14:50**Client ID:** FB01_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-03**Date Collected:** 05/29/25 14:50**Client ID:** FB01_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-04 D
 Client ID: RMW14_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 15:00
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/11/25 13:53
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	0.29	2
1,1-Dichloropropene	ND		ug/l	5.0	1.4	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	3.5	J	ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-04 D
 Client ID: RMW14_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 15:00
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
Xylenes, Total	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.4	2
Dibromomethane	ND		ug/l	10	2.0	2
1,2,3-Trichloropropane	ND		ug/l	5.0	1.4	2
Acrylonitrile	ND		ug/l	10	3.0	2
Styrene	1.6	J	ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	4.1	J	ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
Vinyl acetate	ND		ug/l	10	2.0	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
2,2-Dichloropropane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,3-Dichloropropane	ND		ug/l	5.0	1.4	2
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.4	2
Bromobenzene	ND		ug/l	5.0	1.4	2
n-Butylbenzene	ND		ug/l	5.0	1.4	2
sec-Butylbenzene	ND		ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
o-Chlorotoluene	ND		ug/l	5.0	1.4	2
p-Chlorotoluene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Hexachlorobutadiene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
Naphthalene	ND		ug/l	5.0	1.4	2



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-04 D**Date Collected:** 05/29/25 15:00**Client ID:** RMW14_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	ND		ug/l	5.0	1.4	2
1,4-Dioxane	ND		ug/l	500	120	2
p-Diethylbenzene	ND		ug/l	4.0	1.4	2
p-Ethyltoluene	ND		ug/l	4.0	1.4	2
1,2,4,5-Tetramethylbenzene	ND		ug/l	4.0	1.1	2
Ethyl ether	ND		ug/l	5.0	1.4	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	103		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-05
 Client ID: DUP01_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 00:00
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/10/25 16:39
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	9.5		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-05

Date Collected: 05/29/25 00:00

Client ID: DUP01_052925

Date Received: 05/29/25

Sample Location: 445 GERARD AVENUE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.6	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-05**Date Collected:** 05/29/25 00:00**Client ID:** DUP01_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS**

Lab ID: L2533501-06
 Client ID: TB01_052925
 Sample Location: 445 GERARD AVENUE, BRONX, NY

Date Collected: 05/29/25 00:00
 Date Received: 05/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/10/25 17:03
 Analyst: MJV

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-06**Date Collected:** 05/29/25 00:00**Client ID:** TB01_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**SAMPLE RESULTS****Lab ID:** L2533501-06**Date Collected:** 05/29/25 00:00**Client ID:** TB01_052925**Date Received:** 05/29/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/10/25 08:54
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2077537-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/10/25 08:54
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2077537-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

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Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/25 08:54
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2077537-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/11/25 13:31
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2077930-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18



Project Name: 445 GERARD AVENUE
Project Number: 170487001

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Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/11/25 13:31
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2077930-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	0.81	J	ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/11/25 13:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2077930-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130



Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2077537-3 WG2077537-4								
Methylene chloride	110		91		70-130	19		20
1,1-Dichloroethane	120		100		70-130	18		20
Chloroform	110		98		70-130	12		20
Carbon tetrachloride	96		90		63-132	6		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	82		78		63-130	5		20
1,1,2-Trichloroethane	87		84		70-130	4		20
Tetrachloroethene	100		93		70-130	7		20
Chlorobenzene	110		99		75-130	11		20
Trichlorofluoromethane	120		100		62-150	18		20
1,2-Dichloroethane	98		95		70-130	3		20
1,1,1-Trichloroethane	100		97		67-130	3		20
Bromodichloromethane	92		86		67-130	7		20
trans-1,3-Dichloropropene	85		81		70-130	5		20
cis-1,3-Dichloropropene	94		88		70-130	7		20
1,1-Dichloropropene	100		95		70-130	5		20
Bromoform	77		72		54-136	7		20
1,1,2,2-Tetrachloroethane	88		86		67-130	2		20
Benzene	100		99		70-130	1		20
Toluene	100		97		70-130	3		20
Ethylbenzene	110		99		70-130	11		20
Chloromethane	120		95		64-130	23	Q	20
Bromomethane	89		85		39-139	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2077537-3 WG2077537-4								
Vinyl chloride	120		100		55-140	18		20
Chloroethane	140	Q	110		55-138	24	Q	20
1,1-Dichloroethene	120		98		61-145	20		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	94		89		70-130	5		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	89		84		63-130	6		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	105		95		70-130	10		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		94		70-130	6		20
1,2,3-Trichloropropane	96		93		64-130	3		20
Acrylonitrile	97		85		70-130	13		20
Styrene	105		95		70-130	10		20
Dichlorodifluoromethane	120		97		36-147	21	Q	20
Acetone	90		71		58-148	24	Q	20
Carbon disulfide	120		100		51-130	18		20
2-Butanone	94		86		63-138	9		20
Vinyl acetate	130		130		70-130	0		20
4-Methyl-2-pentanone	69		73		59-130	6		20
2-Hexanone	73		72		57-130	1		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2077537-3 WG2077537-4								
Bromochloromethane	110		97		70-130	13		20
2,2-Dichloropropane	100		96		63-133	4		20
1,2-Dibromoethane	92		89		70-130	3		20
1,3-Dichloropropane	96		92		70-130	4		20
1,1,1,2-Tetrachloroethane	89		84		64-130	6		20
Bromobenzene	100		99		70-130	1		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	75		73		41-144	3		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	99		92		70-130	7		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	76		72		56-162	5		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2077537-3 WG2077537-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	110		100		70-130	10		20
Ethyl ether	96		94		59-134	2		20
trans-1,4-Dichloro-2-butene	77		74		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		96		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	101		99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2077930-3 WG2077930-4								
Methylene chloride	89		89		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	94		96		70-130	2		20
Carbon tetrachloride	99		99		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	97		98		63-130	1		20
1,1,2-Trichloroethane	96		97		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	91		94		70-130	3		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	96		97		67-130	1		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	89		87		54-136	2		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	98		100		70-130	2		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	110		110		64-130	0		20
Bromomethane	100		100		39-139	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2077930-3 WG2077930-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	94		96		70-130	2		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	88		97		63-130	10		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	91		98		70-130	7		20
1,2,3-Trichloropropane	100		94		64-130	6		20
Acrylonitrile	81		92		70-130	13		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	80		96		58-148	18		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	77		93		63-138	19		20
Vinyl acetate	96		100		70-130	4		20
4-Methyl-2-pentanone	97		110		59-130	13		20
2-Hexanone	84		91		57-130	8		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2077930-3 WG2077930-4								
Bromochloromethane	90		98		70-130	9		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	110		99		70-130	11		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	98		100		41-144	2		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	120		110		70-130	9		20
p-Isopropyltoluene	100		97		70-130	3		20
Naphthalene	100		110		70-130	10		20
n-Propylbenzene	120		110		69-130	9		20
1,2,3-Trichlorobenzene	100		98		70-130	2		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	96		88		56-162	9		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2077930-3 WG2077930-4								
p-Ethyltoluene	120		110		70-130	9		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	88		96		59-134	9		20
trans-1,4-Dichloro-2-butene	96		95		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		100		70-130
Toluene-d8	108		103		70-130
4-Bromofluorobenzene	106		104		70-130
Dibromofluoromethane	97		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2077537-6 WG2077537-7 QC Sample: L2533501-01 Client ID: RMW09_052925												
Methylene chloride	ND	10	9.5	95		9.8	98		70-130	3		20
1,1-Dichloroethane	ND	10	10	100		11	110		70-130	10		20
Chloroform	ND	10	9.7	97		9.9	99		70-130	2		20
Carbon tetrachloride	ND	10	8.9	89		9.6	96		63-132	8		20
1,2-Dichloropropane	ND	10	10	100		11	110		70-130	10		20
Dibromochloromethane	ND	10	7.8	78		8.2	82		63-130	5		20
1,1,2-Trichloroethane	ND	10	9.3	93		9.9	99		70-130	6		20
Tetrachloroethene	ND	10	9.0	90		9.6	96		70-130	6		20
Chlorobenzene	ND	10	9.5	95		10	100		75-130	5		20
Trichlorofluoromethane	ND	10	11	110		12	120		62-150	9		20
1,2-Dichloroethane	ND	10	9.3	93		9.3	93		70-130	0		20
1,1,1-Trichloroethane	ND	10	9.8	98		10	100		67-130	2		20
Bromodichloromethane	ND	10	8.5	85		8.5	85		67-130	0		20
trans-1,3-Dichloropropene	ND	10	7.9	79		8.5	85		70-130	7		20
cis-1,3-Dichloropropene	ND	10	8.3	83		8.6	86		70-130	4		20
1,1-Dichloropropene	ND	10	9.8	98		10	100		70-130	2		20
Bromoform	ND	10	7.3	73		7.7	77		54-136	5		20
1,1,1,2,2-Tetrachloroethane	ND	10	9.4	94		9.7	97		67-130	3		20
Benzene	17	10	28	110		22	50	Q	70-130	24	Q	20
Toluene	0.71J	10	10	100		11	110		70-130	10		20
Ethylbenzene	ND	10	9.6	96		10	100		70-130	4		20
Chloromethane	ND	10	11	110		11	110		64-130	0		20
Bromomethane	0.94J	10	7.2	72		8.8	88		39-139	20		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2077537-6 WG2077537-7 QC Sample: L2533501-01 Client ID: RMW09_052925												
Vinyl chloride	ND	10	12	120		12	120		55-140	0		20
Chloroethane	ND	10	13	130		13	130		55-138	0		20
1,1-Dichloroethene	ND	10	10	100		11	110		61-145	10		20
trans-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Trichloroethene	ND	10	8.7	87		9.2	92		70-130	6		20
1,2-Dichlorobenzene	ND	10	9.5	95		10	100		70-130	5		20
1,3-Dichlorobenzene	ND	10	9.4	94		9.8	98		70-130	4		20
1,4-Dichlorobenzene	ND	10	9.4	94		10	100		70-130	6		20
Methyl tert butyl ether	ND	10	8.1	81		8.4	84		63-130	4		20
p/m-Xylene	ND	20	19	95		20	100		70-130	5		20
o-Xylene	ND	20	18	90		20	100		70-130	11		20
cis-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Dibromomethane	ND	10	9.2	92		9.6	96		70-130	4		20
1,2,3-Trichloropropane	ND	10	9.7	97		10	100		64-130	3		20
Acrylonitrile	ND	10	12	120		10	100		70-130	18		20
Styrene	ND	20	18	90		19	95		70-130	5		20
Dichlorodifluoromethane	ND	10	11	110		11	110		36-147	0		20
Acetone	ND	10	13	130		12	120		58-148	8		20
Carbon disulfide	ND	10	11	110		12	120		51-130	9		20
2-Butanone	ND	10	13	130		13	130		63-138	0		20
Vinyl acetate	ND	10	13	130		14	140	Q	70-130	7		20
4-Methyl-2-pentanone	ND	10	8.2	82		8.2	82		59-130	0		20
2-Hexanone	ND	10	7.4	74		7.5	75		57-130	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2533501

Report Date: 06/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2077537-6 WG2077537-7 QC Sample: L2533501-01 Client ID: RMW09_052925												
Bromochloromethane	ND	10	9.5	95		9.7	97		70-130	2		20
2,2-Dichloropropane	ND	10	8.6	86		8.7	87		63-133	1		20
1,2-Dibromoethane	ND	10	9.0	90		9.5	95		70-130	5		20
1,3-Dichloropropane	ND	10	9.4	94		9.9	99		70-130	5		20
1,1,1,2-Tetrachloroethane	ND	10	8.4	84		8.9	89		64-130	6		20
Bromobenzene	ND	10	9.4	94		10	100		70-130	6		20
n-Butylbenzene	ND	10	9.7	97		10	100		53-136	3		20
sec-Butylbenzene	ND	10	10	100		11	110		70-130	10		20
tert-Butylbenzene	0.80J	10	10	100		11	110		70-130	10		20
o-Chlorotoluene	ND	10	9.7	97		10	100		70-130	3		20
p-Chlorotoluene	ND	10	9.4	94		10	100		70-130	6		20
1,2-Dibromo-3-chloropropane	ND	10	7.4	74		8.1	81		41-144	9		20
Hexachlorobutadiene	ND	10	8.9	89		9.5	95		63-130	7		20
Isopropylbenzene	2.8	10	13	102		13	102		70-130	0		20
p-Isopropyltoluene	ND	10	9.6	96		10	100		70-130	4		20
Naphthalene	ND	10	9.9	99		10	100		70-130	1		20
n-Propylbenzene	1.3J	10	11	110		12	120		69-130	9		20
1,2,3-Trichlorobenzene	ND	10	9.2	92		9.8	98		70-130	6		20
1,2,4-Trichlorobenzene	ND	10	8.9	89		9.5	95		70-130	7		20
1,3,5-Trimethylbenzene	ND	10	9.2	92		9.8	98		64-130	6		20
1,2,4-Trimethylbenzene	ND	10	10	100		11	110		70-130	10		20
1,4-Dioxane	ND	500	410	82		440	88		56-162	7		20
p-Diethylbenzene	ND	10	9.2	92		9.8	98		70-130	6		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2077537-6 WG2077537-7 QC Sample: L2533501-01 Client ID: RMW09_052925												
p-Ethyltoluene	ND	10	9.7	97		10	100		70-130	3		20
1,2,4,5-Tetramethylbenzene	2.0	10	12	100		12	100		70-130	0		20
Ethyl ether	ND	10	9.0	90		9.0	90		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	7.2	72		7.3	73		70-130	1		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	96		94		70-130
Toluene-d8	103		102		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2533501-01A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01A1	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01A2	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01B1	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01B2	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01C1	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-01C2	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-02A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-02B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-02C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-03A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-03B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-03C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-04A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-04B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-04C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-05A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-05B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-05C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-06A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2533501-06B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Serial_No:06122509:33
Lab Number: L2533501
Report Date: 06/12/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2533501
Report Date: 06/12/25

Data Qualifiers

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

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2533501**Project Number:** 170487001**Report Date:** 06/12/25

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Published Date: 01/24/2025

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Certification Information

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

Nonpotable Water: EPA RSK-175 Dissolved Gases

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

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Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

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

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

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

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

ATTACHMENT D

Data Usability Summary Report

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Meghan Aronica, Langan Senior Staff Engineer

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: June 13, 2025

Re: Data Usability Summary Report
For 445 Gerard Avenue
May 2025 Groundwater Samples
Langan Project No.: 170487003

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in May 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C at the 445 Gerard Avenue site. The samples were analyzed by Pace Analytical Services – Westborough, MA (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the method specified below.

- VOCs by SW-846 Method 8260D

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program “National Functional Guidelines for Organic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program “National Functional Guidelines for Inorganic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. One (1) Sample Delivery Group (SDG) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

Technical Memorandum

Data Usability Summary Report
For 445 Gerard Avenue
May 2025 Groundwater Samples
Langan Project No.: 170
June 13, 2025 Page 2 of 4

- R** – The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- J** – The analyte was positively identified but the associated numerical value is approximate.
- UJ** – The analyte was not detected at or above the method detection limit. The method detection limit may be imprecise because of potential low or indeterminate bias.
- U** – The analyte was not detected above the method detection limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as “R” are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

Technical Memorandum

Data Usability Summary Report
For 445 Gerard Avenue
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VOCs by SW-846 Method 8260D

L2533501

The FB (FB01_052925) exhibited a detection of bromomethane (0.93 ug/L). The associated detect results in samples RMW03_052925, RMW09_052925, RMW14_052925, and DUP01_052925 are qualified as U at the reporting limit because of potential blank contamination.

The MB for batch WG2077930 exhibited a detection of styrene (0.81 ug/L). The associated result in sample RMW14_052925 is qualified as U at the reporting limit because of potential blank contamination.

The LCS/LCSD for batch WG2077537 exhibited RPDs above the control limit for acetone (24%), chloroethane (24%), chloromethane (23%), and dichlorodifluoromethane (21%). The associated results in samples RMW03_052925, RMW09_052925, and DUP01_052925 are qualified as UJ because of potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2533501

The LCS for batch L2533501_WG2077537-3 exhibited a percent recovery above the UCL for chloroethane (140%). The associated results are non-detect. No qualification is necessary.

The MS/MSD performed on sample RMW09_052925 exhibited percent recoveries exceeding the control limit and/or an RPD above the control limit for benzene (MSD=50%, RPD=24%) and vinyl acetate (MSD=140%). Organic results are not qualified based on MS/MSD recoveries alone. No qualification is necessary.

FIELD DUPLICATE:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pairs were compared to and met the precision criteria:

- DUP01_052925 and RMW03_052925

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CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods except for errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Krzysztof Trafalski
Senior Staff Chemist

December 22, 2025

Ms. Brittany Taranto
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233

**RE: August 2025 Groundwater Monitoring Report
Gerard Avenue and East 146th Street
Bronx, New York
NYSDEC BCP Site No. C203111
Langan Project No.: 170487003**

Dear Brittany Taranto,

In accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan, Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) conducted groundwater sampling at 445 Gerard Avenue (the site) located in the Mott Haven neighborhood of the Bronx, New York. A site location map is provided as Figure 1. Sampling was conducted on August 29, 2025, and is the second sampling event completed following the implementation of the supplemental groundwater treatment program, which was implemented between February 24 and February 28, 2025, to address residual petroleum impacts in groundwater. The first post-injection groundwater sampling event following implementation of the supplemental groundwater treatment program was performed on May 29, 2025.

Project Background

The about 38,000-square-foot (0.87 acre) site is identified as Block 2351, Lots 1, 3, 12, and 20 on the New York City Bronx Borough Tax Map. The site was developed into a 12-story mixed-use commercial and residential building with a partial cellar. A site layout plan is provided as Figure 2.

Petroleum-impacted soil, groundwater, and soil vapor attributed to former on-site operations and petroleum bulk storage were identified in the northern part of the site during a Remedial Investigation (RI) performed between December 2018 and January 2019. Based on these findings, Spill No. 1705596 was assigned. A NYSDEC-approved in-situ chemical oxidation (ISCO) program was implemented between November 2020 and January 2021 to target petroleum-

related volatile organic compounds (VOC) and semivolatile organic compounds (SVOCs) in groundwater. Excavation and off-site disposal of contaminated fill/soil, decommissioning of underground storage tanks (USTs), and installation of permanent groundwater monitoring wells was completed between February and June 2021 in accordance with the NYSDEC-approved April 28, 2020 Remedial Action Work Plan (RAWP). A Track 4 remedy was achieved and a certificate of completion (COC) was issued on December 28, 2021. Following completion of the ISCO program and site-wide remedy, five post-remedial groundwater monitoring wells were installed (RMW01, RMW03, RMW09, RMW10, and RMW14) and eight quarterly sampling events were completed between April 2021 and January 2023 in accordance with the December 21, 2021 Site Management Plan (SMP). Langan requested the discontinuation of groundwater monitoring in the April 4, 2023 Eighth Quarterly Groundwater Monitoring Report. Although remaining VOC and SVOC contamination was present, most significantly in RMW14, consistent reduction had been observed and significant further reduction was not anticipated. In the July 6, 2023 Eighth Quarterly Groundwater Monitoring Report & Periodic Review Report comment letter, the NYSDEC requested that an additional sampling event (Q9) be conducted, including a synoptic gauging of the monitoring wells and development of a groundwater contour map.

The Q9 sampling event was performed in September 2023. Results indicated that SVOCs were no longer present at concentrations exceeding the NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA drinking water (herein collectively referenced as NYSDEC SGVs) and residual VOC impacts remained only in RMW14, except for benzene in RMW09. Geochemical parameters, specifically dissolved oxygen (DO), had depleted, indicating that subsurface conditions no longer appeared to be favorable for breakdown of petroleum-related compounds.

Langan reviewed the results of the Q9 sampling event with the NYSDEC on January 30, 2024. Although natural attenuation may have been occurring at RMW14, additional groundwater treatment in the vicinity of RMW14 was discussed as a final step to reduce VOC impacts. The NYSDEC agreed with this approach and recommended continued groundwater monitoring at select locations.

February 2025 Groundwater Treatment Work Plan Injection Implementation

In accordance with the December 2, 2024 Groundwater Treatment Work Plan, a series of three remedial technologies, 1) adsorption and bioremediation using PetroFix™, 2) chemical flocculation by calcium chloride, and 3) an Oxygen Reduction Compound (ORC) Advanced® sock were selected to address residual petroleum-related VOCs in groundwater. PetroFix™ is a proprietary product developed by Regenesis Remediation Solutions (Regenesis) that provides an adsorptive media onto which the dissolved VOCs can partition. In turn, attached microbial growth

occurs on the surface of the adsorptive media, resulting in contaminant destruction via biodegradation. PetroFix™ employs the techniques of organic polymer dispersion chemistry to suspend activated carbon particles in a colloidal matrix. A calcium chloride flush can be used to prevent or “park” colloidal suspensions of carbon by flocculation, facilitating bonding between particles to create larger aggregates that can be separated, resulting in improved aquifer clarification. Finally, the application of ORC Advanced® to the subsurface via socks can enhance biological activity, which accelerates the rate of naturally-occurring aerobic biodegradation in groundwater.

The injection program was implemented by Regenesis and Coastal Environmental Solutions (Coastal) under the oversight of Langan between February 24 and February 28, 2025. Coastal injected PetroFix™ solution directly into post-remedial monitoring well RMW14 and off-site monitoring wells OMW-01 and OMW-02 using a “bottom-up” approach. Flexible hose extended from a mixing tank to the injection pump, and then to an injection manifold at the drill rig. A hollow steel injection rod delivered the PetroFix™ under low pressures ranging from 10 to 50 pounds per square inch (psi) so to not significantly alter groundwater elevation. The injection rod was gradually pulled upward through the target interval, about 15 to 30 feet below grade surface (bgs) in off-site monitoring wells, and about 17 to 27 feet bgs in monitoring well RMW14. Approximately 800 pounds of PetroFix™ were injected over the course of the program.

Following PetroFix™ injections, a calcium chloride flush was applied to RMW14. The calcium chloride flush consisted of injecting 29 gallons of fresh water, followed by 16.6 pounds of calcium chloride with 33 gallons of fresh water, and a final 29 gallons of fresh water into monitoring well RMW14 at pressures similar to that of the PetroFix™ application. ORC Advanced® socks consisting of 31, 1-foot socks laced together, were suspended in RMW14 to be left in place for up to nine months.

Periodic Groundwater Sampling

Eight quarterly post-injection sampling events were completed in accordance with the SMP and a ninth post-injection sampling event was completed at the request of the NYSDEC. Monitoring was conducted at five post-injection permanent monitoring wells (RMW01, RMW03, RMW09, RMW10, and RMW14) that were installed following the initial injection program during implementation of the remedy. Results identified remaining petroleum-related VOC impacts in the northern part of the site, particularly in the vicinity of groundwater monitoring well RWM14, following completion of the ISCO program.

Per the groundwater treatment work plan, performance monitoring will be conducted quarterly at RMW03, RMW09, and RMW14 for at least a year following the February 2025 injection program. Locations of RMW03, RMW09, and RMW14 are shown on Figure 3.

The first post-injection groundwater sampling event was completed on May 29, 2025. Findings from the May 2025 analytical data showed that VOCs were no longer detected above the NYSDEC SGVs in RMW14, however, benzene was detected above the NYSDEC SGV in RMW03 and RMW09.

Well Purging and Sampling

The second post-injection groundwater sampling event was conducted on August 29, 2025. Samples were collected in accordance with the procedures set forth in the United States Environmental Protection (USEPA) low-flow groundwater sampling procedure ("Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", EQASOP-GW 001, January 19, 2010) to allow for collection of a representative sample. Purging was performed using a peristaltic pump fitted with dedicated tubing at all wells. During purging, the turbidity, pH, temperature, conductivity, oxidation-reduction potential (ORP), and DO were monitored using a Horiba U-52 water quality meter with a flow-through cell. Purging was considered complete after three well volumes were purged or after groundwater quality parameters had stabilized for three successive readings within a reasonable time frame. The purged water was containerized into a 55-gallon drum and temporarily stored in a secured area pending proper off-site disposal. The daily site observation report is included as Attachment A. The groundwater quality parameters were recorded in the groundwater sampling logs provided as Attachment B.

After purging each well, a groundwater sample was collected directly from the pump discharge line using USEPA low-flow techniques. For quality assurance and quality control (QA/QC), one field blank sample, one trip blank, one duplicate sample, and one matrix spike/matrix spike duplicate (MS/MSD) sample were collected. All samples were analyzed for Part 375/Target Compound List (TCL) VOCs by Pace Analytical Services, LLC (Pace), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Westborough, Massachusetts (ELAP ID No. 11148). Groundwater quality parameters stabilized in RMW03 and RMW09 prior to sampling. Parameters did not stabilize in RMW14 due to low groundwater recharge in the well; a groundwater sample was collected after well purging was paused to allow for recharge, and three well volumes were purged. Groundwater quality parameters could not be collected during recharge periods in RMW14. Prior to sampling, the ORP levels ranged from -223 to 221 millivolts (mV), turbidity ranged from 0.4 to >1,000 NTUs, and dissolved oxygen ranged from 0 to 4.94 milligrams per liter (mg/L). High turbidity observed in monitoring well RMW14 is due to residual activated carbon (i.e., PetroFix™) suspended within the groundwater.

The laboratory analytical results for the baseline sampling events, post-remedial groundwater

sampling events, and the May 2025 and August 2025 post-injection groundwater sampling events are summarized in Table 1. Laboratory analytical reports are provided as Attachment C. Groundwater analytical results were compared to the NYSDEC SGVs.

August 2025 Performance Monitoring Analytical Results

Analytical results from the August 2025 performance monitoring are summarized as follows:

- RMW03: One VOC, benzene, was detected above its NYSDEC SGV (1 microgram per liter [ug/L]) at a concentration of 3.9 ug/L and 5.0 ug/L in the parent and duplicate groundwater samples, respectively.
- RMW09: One VOC, benzene, was detected above its NYSDEC SGV (1 microgram per liter [ug/L]) at a concentration of 5.6 ug/L.
- RMW14: VOCs were not detected above the NYSDEC SGVs.

VOC concentrations were not detected above the NYSDEC SGVs in RMW14. One VOC, benzene, was detected above its NYSDEC SGV in RMW03 and RMW09. However, the concentrations of benzene during this sampling event were within the same, or up to two orders of magnitude lower when compared to previous sampling events between 2021 and 2023. Concentrations of benzene decreased by 47% in RMW03, and by 67% in RMW09 when compared to the May 2025 groundwater sampling event.

Data Validation

Copies of the Analytical Services Protocol (ASP) Category B laboratory reports were submitted to Langan's data validation department for review in accordance with the USEPA validation guidelines for organic and inorganic data. The data were found to be 100% acceptable. The Data Usability Summary Report (DUSR) is included in Attachment D.

Closure

One VOC, benzene, was detected above its NYSDEC SGV in groundwater monitoring wells RMW03 and RMW09. However, benzene concentrations observed during the August 2025 groundwater sampling event decreased in both RMW03 and RMW09 when compared to the May 2025 groundwater sampling event. VOCs did not exceed the NYSDEC SGVs in RMW14, indicating that the February 2025 injection event successfully reduced the concentration of petroleum-related compounds. The groundwater monitoring wells will continue to be sampled on a quarterly basis, and the next quarterly sampling event will be conducted in November 2025.

Should you have any questions, please call the undersigned at 212-479-5479.

Sincerely,

**Langan Engineering, Environmental, Surveying Landscape
Architecture, and Geology, D.P.C.**



Brian Gochenaur
Associate Principal

Enclosures:

Table 1	Groundwater Sample Analytical Results – August 2025
Figure 1	Site Location Map
Figure 2	Site Layout Plan
Figure 3	Groundwater Sample Analytical Results Map
Attachment A	Daily Site Observation Report
Attachment B	Well Purging and Sampling Logs
Attachment C	Laboratory Analytical Report
Attachment D	Data Usability Summary Report

TABLE

**445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001**

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q3	Q3	Q4	Q4	Q5	Q6	Q6	Q7	Q8	Q8Q	Q9	August 2024	May 2025	May 2025	August 2025	August 2025
			Location	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03
			Sample Name	RMW03_110520	RMW03_041521	RMW03_070821	RMW03_101121	GWDUP01_101121	RMW03_011222	DUP01_011222	RMW03_040722	RMW03_071322	DUP01_071322	RMW03_100522	RMW03_011223	DUP01_011223	RMW03_092723	RMW03_080824	RMW03_052925	DUP01_052925	RMW03_082925	GWDUP01_082925
			Sample Date	11/05/2020	04/15/2021	07/08/2021	10/11/2021	10/11/2021	01/12/2022	01/12/2022	04/07/2022	07/13/2022	07/13/2022	10/05/2022	01/12/2023	01/12/2023	09/27/2023	08/09/2024	05/29/2025	05/29/2025	08/29/2025	08/29/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Volatile Organic Compounds																						
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 UJ	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 UJ	<1.5 UJ	
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	19	2.8	1.3 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	1.6 J	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,2-Dibromooethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	0.47 J	0.26 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	0.17 J	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 UJ	<1 UJ	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 UJ	<250 U	<500 UJ	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<500 U	<250 U	<250 U	<250 U	<250 U	<250 UJ	<250 UJ	
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 UJ	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
4-Ethyltoluene	622-96-8	NS	ug/l	2.6	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	
Acetone	67-64-1	50	ug/l	<5 UJ	13	5.5 J	<5 U	<5 UJ	<5 U	7.3	<5 U	<5 UJ	<5 U	<5 U	<10 U	<5 U	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ	
Acrylonitrile	107-13-1	5	ug/l	<5 UJ	<5 U	<10 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 UJ	
Benzene	71-43-2	1	ug/l	9.4	22	43	24	23	55	61	<0.5 U	<0.5 U	<0.5 U	<0.5 U	30	23	<0.5 U	4.8	8.3	9.5	3.9 J	5 J
Bromobenzene	108-96-1	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Bromodichloromethane	75-27-4	50	ug/l	<0.5 UJ	<0.5 U	<1 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.52	0.47 J	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	
Bromomethane	74-83-9	5	ug/l	<2.5 UJ	<2.5 U	<5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Carbon Disulfide	75-15-0	60	ug/l	<5 UJ	1.8 J	<10 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Chloroethane	75-00-3	5	ug/l	<2.5 UJ	<2.5 U	<5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	8.9	8.8	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 UJ	<5 U	<10 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 UJ	<5 UJ	
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U							

Table 1
Groundwater Sample Analytical Results - August 2025

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q3	Q4	Q6	Q5	Q6	Q7	Q8	Q9	August 2024	May 2025	August 2025	
			Location	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09
			Sample Name	RMW09_110520	RMW09_041921	RMW09_070721	RMW09_101221	RMW09_011222	RMW09_040722	DUP01_040722	RMW09_071422	RMW09_100522	RMW09_011323	RMW09_092823	RMW09_080724	RMW09_052925	RMW09_082925	
			Sample Date	11/05/2020	04/19/2021	07/07/2021	10/12/2021	01/12/2022	04/07/2022	04/07/2022	07/14/2022	10/05/2022	01/13/2023	09/29/2023	08/07/2024	05/29/2025	08/29/2025	
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<2.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<7.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 UJ	
1,1-Dichloroethane	75-34-3	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,1-Dichloroethene	75-35-4	5	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	
1,1-Dichloropropene	563-58-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<12 UJ	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	31	1.9 J	<2 U	0.58 J	28	20	14	19	<2 U	1.8 J	<2 U	<2 U	2	<2 UJ	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<12 UJ	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	41	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<12 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<10 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,2-Dichloroethane	107-06-2	0.6	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	
1,2-Dichloropropane	78-87-5	1	ug/l	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	0.81 J	<1 U	<1 U	<1 U	<1 U	<1 U	<1 UJ	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	13	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,3-Dichloropropane	142-28-9	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	8.3 J	<4 U	<2 U	<2 U	7.3	6.7	6.6	4.5	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<1,200 UJ	<500 U	<250 UJ	<250 UJ	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 UJ	
2,2-Dichloropropane	594-20-7	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
2-Chlorotoluene	95-49-8	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
2-Hexanone (MBK)	591-78-6	50	ug/l	<25 UJ	<10 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	
4-Chlorotoluene	106-43-4	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
4-Ethyltoluene	622-96-8	NS	ug/l	19	<4 U	<2 U	<2 U	1 J	0.8 J	<2 U	0.71 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	
Acetone	67-64-1	50	ug/l	16 J	59	18 J	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	2.1 J	<5 U	<5 U	<5 UJ	<5 U	<5 UJ	
Acrylonitrile	107-13-1	5	ug/l	<25 UJ	<10 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	
Benzene	71-43-2	1	ug/l	700	0.95 J	0.26 J	1.8	130	170	73	17	<0.5 U	44	3.7	<0.5 U	17	5.6 J	
Bromobenzene	108-86-1	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
Bromochloromethane	74-97-5	5	ug/l	<12 U	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
Bromodichloromethane	75-27-4	50	ug/l	<2.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	
Bromoform	75-25-2	50	ug/l	<10 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	
Bromomethane	74-83-9	5	ug/l	<12 UJ	<5 U	2 J	<2.5 UJ	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
Carbon Disulfide	75-15-0	60	ug/l	<25 UJ	<10 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	
Carbon Tetrachloride	56-23-5	5	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	
Chlorobenzene	108-90-7	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
Chloroethane	75-00-3	5	ug/l	<12 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	
Chloroform	67-66-3	7	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	0.73 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	
Chloromethane	74-87-3	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U								

Table 1
Groundwater Sample Analytical Results - August 2025

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	August 2024	May 2025	August 2025	
			Location	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14
			Sample Name	RMW14_110520	RMW14_041921	RMW14_070721	DUP01_070721	RMW14_101221	RMW14_011222	RMW14_040822	RMW14_071422	RMW14_100522	RMW14_011323	RMW14_092823	RMW14_080724	RMW14_052925	RMW14_082925	
			Sample Date	11/05/2020	04/19/2021	07/07/2021	07/07/2021	10/12/2021	01/12/2022	04/08/2022	07/14/2022	10/05/2022	01/13/2023	09/28/2023	08/07/2024	05/29/2025	08/29/2025	
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<1 UJ	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<3 U	<3 U	<1.5 U	<1.5 U	<7.5 U	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<3 U	<3 U	<15 UJ	
1,1-Dichloroethane	75-34-3	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,1-Dichloroethene	75-35-4	5	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	
1,1-Dichloropropene	563-58-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<5 UJ	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	120	79	70	72	29	40	22	38	46	52	36	20	<4 U	<20 UJ	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 UJ	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	66	2.5 J	16	12	7.3 J	16	45	79	24	23	13	6.5	<5 U	<25 UJ	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<5 UJ	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<4 U	<4 U	<2 U	<2 U	<10 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<4 U	<4 U	<20 UJ	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,2-Dichloroethane	107-06-2	0.6	ug/l	1	<1 U	0.97	1.1	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	
1,2-Dichloropropane	78-87-5	1	ug/l	<2 U	<2 U	<1 U	<1 U	<5 U	<1 U	<1 U	<1 U	1.9 J	<1 U	<1 U	<2 U	<2 U	<10 UJ	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	250	220	74	87	12	30	7.8	9.2	4.1 J	5.1	2.8	<5 U	<5 U	<25 UJ	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,3-Dichloropropane	142-28-9	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	20	64	14	15	5.8 J	8.2	5.4	11	13	13	8.8	8.2	<4 U	<20 UJ	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<500 UJ	<500 U	<250 UJ	<250 UJ	<1,200 UJ	<250 U	<250 U	<250 U	<500 U	<250 U	<250 U	<500 U	<500 U	<2,500 UJ	
2,2-Dichloropropane	594-20-7	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
2-Chlorotoluene	95-49-8	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
2-Hexanone (MBK)	591-78-6	50	ug/l	<10 UJ	4.9 J	<5 UJ	<5 UJ	<25 U	<5 U	<5 U	5.8	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ	
4-Chlorotoluene	106-43-4	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
4-Ethyltoluene	622-96-8	NS	ug/l	46	32	29	29	23	17	14	39	12	9.7	4.2	6.5	<4 U	<20 UJ	
Acetone	67-64-1	50	ug/l	4.9 J	26	200 J	<5 UJ	<25 UJ	<5 UJ	39	28	<10 U	<5 U	<5 U	<10 U	4.1 J	<60 UJ	
Acrylonitrile	107-13-1	5	ug/l	<10 UJ	<10 U	<5 UJ	<5 UJ	<25 UJ	<5 U	<5 U	<5 UJ	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ	
Benzene	71-43-2	1	ug/l	7	7.1	6.5	7.4	4.2	0.72	1.3	1.1	1	0.83	0.31 J	<1 U	<1 U	<5 UJ	
Bromobenzene	108-86-1	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
Bromochloromethane	74-97-5	5	ug/l	<5 U	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
Bromodichloromethane	75-27-4	50	ug/l	<1 UJ	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	
Bromoform	75-25-2	50	ug/l	<4 U	<4 U	<2 U	<2 U	<10 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<4 U	<4 U	<20 UJ	
Bromomethane	74-83-9	5	ug/l	<5 UJ	<5 U	<2.5 U	<2.5 U	<12 UJ	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 UJ	<2.5 U	<5 U	<5 U	<25 UJ	
Carbon Disulfide	75-15-0	60	ug/l	<10 UJ	<10 U	<5 UJ	<5 UJ	<25 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ	
Carbon Tetrachloride	56-23-5	5	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	
Chlorobenzene	108-90-7	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
Chloroethane	75-00-3	5	ug/l	<5 UJ	8.6	4.8	4.8	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
Chloroform	67-66-3	7	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
Chloromethane	74-87-3	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 UJ	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<1 U	<1 U	<0.5 U	<											

**445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487001**

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

B - The analyte was found in the associated analysis batch blank.

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

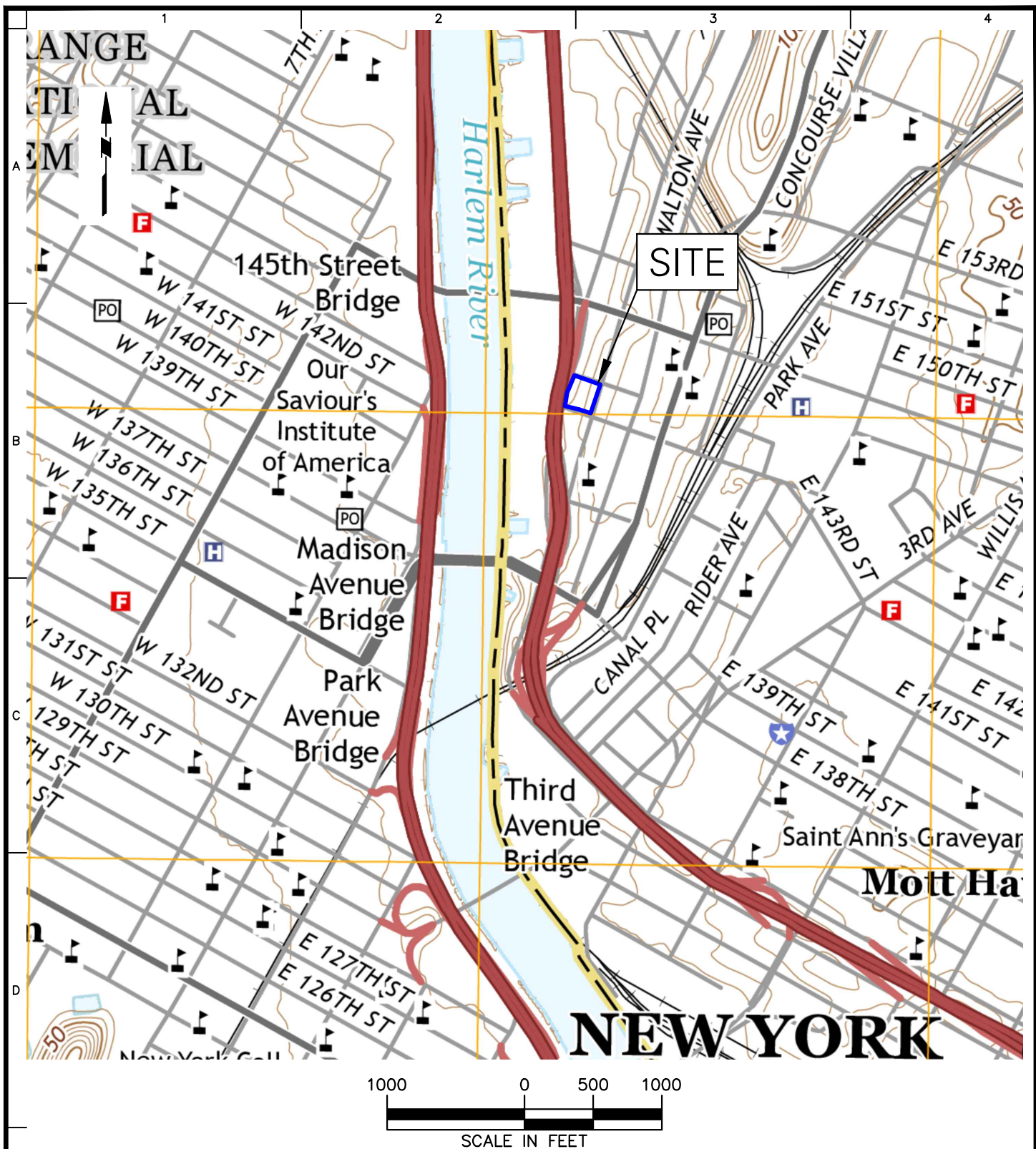
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

FIGURES



— SITE BOUNDARY

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE MAP, DATED 2016

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Project

GERARD AVENUE AND EAST 146TH STREET

BLOCK No. 2351, LOT Nos. 1, 3, 12, & 20

BRONX

NEW YORK

Figure Title

SITE LOCATION MAP

Project No.

170487003

Date

08/27/2021

Drawn By

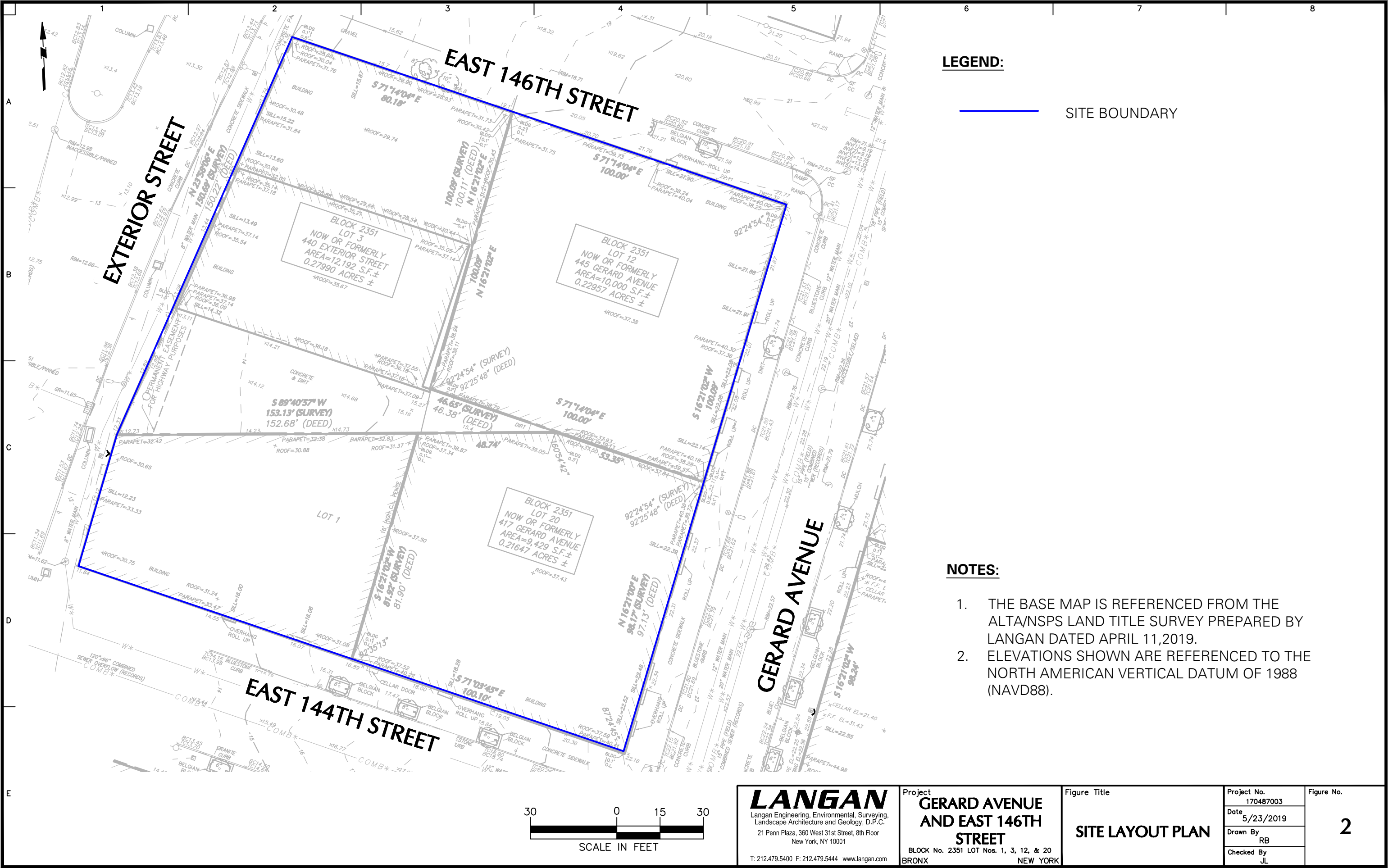
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Checked By

KS

Figure No.

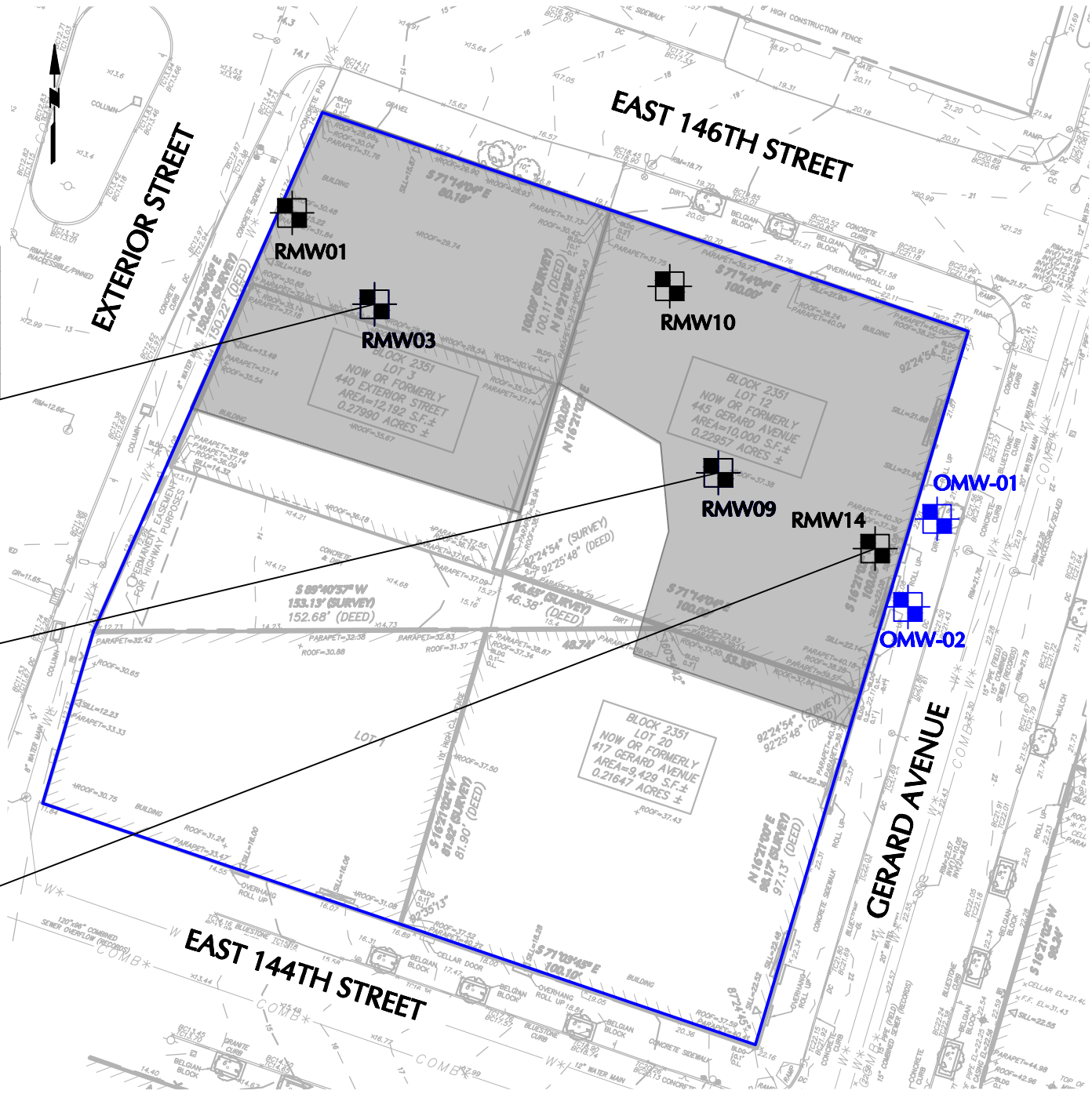
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Sampling Event	August 2025	August 2025
Location	RMW03	RMW03
Sample Name	RMW03_082925	GWDUP01_082925
Sample Date	08/29/2025	08/29/2025
VOCs		
Benzene	3.9 J	5 J

Sampling Event	August 2025
Location	RMW09
Sample Name	RMW09_082925
Sample Date	08/29/2025
VOCs	
Benzene	5.6 J

Sampling Event	August 2025
Location	RMW14
Sample Name	RMW14_082925
Sample Date	08/29/2025
VOCs	
Benzene	<5 UJ



LEGEND:

- SITE BOUNDARY
- OMW-01 OFF-SITE MONITORING WELL LOCATION
- RMW01 POST-REMEDIATION GROUNDWATER MONITORING WELL LOCATION
- APPROXIMATE EXTENT OF PETROLEUM-IMPACTED AREA

- NOTES:**
- THE BASE MAP IS REFERENCED FROM THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY LANGAN DATED APRIL 11, 2019.
 - GROUNDWATER MONITORING WELL LOCATIONS ARE APPROXIMATE.
 - OFF-SITE MONITORING WELLS OMW-01 AND OMW-02 AND ON-SITE MONITORING WELLS RMW01 AND RMW10 WERE NOT SAMPLED DURING THIS EVENT.
 - ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS) AND GUIDANCE VALUES FOR DRINKING WATER (CLASS GA)(COLLECTIVELY REFERRED TO AS THE STANDARDS AND GUIDANCE VALUES (SGVs)).
 - RESULTS EXCEEDING THE SGVs ARE SHADED AND BOLDED.
 - RESULTS ARE REPORTED IN MICROGRAMS PER LITER (µg/L).
 - PER THE DECEMBER 2, 2024 GROUNDWATER TREATMENT WORK PLAN, PERFORMANCE MONITORING WAS ONLY CONDUCTED AT RMW03, RMW09, AND RMW14.
 - UJ = THE ANALYTE WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE REPORTING LIMIT (RL); HOWEVER, THE RL IS APPROXIMATE AND MAY BE INACCURATE OR IMPRECISE.
 - J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

Analyte	NYSDEC SGVs
VOCs	
Benzene	1

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

LANGAN
Langan Engineering, Environmental, Surveying,
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Project
**GERARD AVENUE
AND EAST 146TH
STREET**
BLOCK No. 2351 LOT Nos. 1, 3, 12, & 20
BRONX NEW YORK

Figure Title
**GROUNDWATER
SAMPLE RESULTS
MAP**

Project No.
170487003
Date
11/7/2025
Drawn By
CD
Checked By
LE

Figure No.
3

ATTACHMENT A

DAILY SITE OBSERVATION REPORT

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Friday, August 29, 2025
PROJECT: 445 Gerard Avenue		WEATHER: Sunny, 66-72 °F Wind: N @ 1– 2 mph
LOCATION: Brooklyn, New York		TIME: 10:00 am – 3:30 pm
BCP Site Number: C203111		MONITOR: Shawn Martin

EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	PRESENT AT SITE: Langan: Shawn Martin
---	--

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:
Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan.

Site Activities

- Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.9 parts per million (ppm) and 2.9 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed in water purged from well RMW03 and RMW09. Visual signs of impacts were not observed. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future off-site disposal.

Material Tracking

- No material was exported from the site.
- No material was imported to the site.

Sampling

- Langan collected three groundwater samples, RMW03_082925, RMW09_082925, and RMW14_082925 plus quality assurance/quality control (QA/QC) samples, to be analyzed for volatile organic compounds (VOCs).
Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

CAMP Activities

- Community air monitoring was not implemented as ground intrusive work was not being performed.

Anticipated Activities

Langan will continue to conduct quarterly sampling per the Groundwater Treatment Work Plan in November 2025.

Cc:	B. Gochenaur, M. Aronica, C. Devin (Langan)	By:	Shawn Martin
			LANGAN

Site Photographs:



Photo 1: View of groundwater sampling at monitoring well RMW03



Photo 2: View of purged groundwater stored in labeled 55-gallon drum.

Cc:	B. Gochenaur, M. Aronica, C. Devin (Langan)	By:	Shawn Martin LANGAN
-----	--	-----	-------------------------------

Figure 1: Site Map



Legend:

- Site Boundary
- Purged and Sampled Monitoring Well
- Location of 55-gallon Drum

Cc: B. Gochenaur, M. Aronica, C. Devin
(Langan)

By: Shawn Martin
LANGAN

ATTACHMENT B

WELL PURGING AND SAMPLING LOGS

Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW03	Water Quality Device Model:		Horiba U-52	Weather:		Sunny, 70-80	Sample(s):	RMW03_082925
Project Number:	170487001	Well Depth:	15.75	Pine Number:		NL0B	Background PID (ppm):		0.00		GWDUP01_082925
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:		Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):		0.90		
Sampling Personnel:	Shawn Martin	Well Screen Interval:	2.00	Pine Number:		GEO137	Pump Intake Depth:		15.00	Sample Date:	08/29/2025
			12.00	Tubing Diameter:		1/4" HDPE	Depth to Water Before Purge:		10.51	Sample Time:	12:15
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu	DO mg/l	DTW ft	Flow Rate (gpm)	Cumulative Discharge Volume (Gal)	NOTES	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)	(+/- 10%) above 5 NTU	(+/- 10%) above 0.5 mg/l	Drawdown < 0.33 ft	<0.13 gpm		color, odor etc.	
BEGIN PURGING											
11:40	19.83	7.25	-129	5.110	38.8	0.57	10.51	0.1	0.1	Petroleum-like odor	N/A
11:45	18.94	7.42	-171	4.720	9.9	0.00	10.53	0.1	0.25		N/A
11:50	18.76	7.40	-175	4.410	4.7	0.00	10.61	0.1	0.5		N
11:55	18.97	7.49	-189	4.490	4.8	0.00	10.72	0.1	0.75		N
12:00	18.80	7.50	-220	4.640	5.0	0.10	10.80	0.1	1		N
12:05	18.68	7.53	-228	4.800	4.8	0.00	10.91	0.1	1.25		N
12:10	18.61	7.54	-231	4.890	4.6	0.00	11.02	0.1	1.5		N
12:15	18.66	7.56	-231	4.900	4.9	0.00	11.11	0.1	2		Y

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit
11. MS/MSD = Matrix Spike/Matrix Spike Duplicate

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Project Information		Well Information		Equipment Information		Sampling Conditions				Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW09	Water Quality Device Model:	Horiba U-52	Weather:	Sunny, 70-80	Sample(s): RMW09_082925 MS/MSD collected			
Project Number:	170487001	Well Depth:	16.90	Pine Number:	NL0B	Background PID (ppm):	0.00				
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:	Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):	2.90				
Sampling Personnel:	Shawn Martin	Well Screen	16.00	Pine Number:	GEO137	Pump Intake Depth:	16.00	Sample Date: 08/29/2025			
		Interval:	26.00	Tubing Diameter:	1/4" HDPE	Depth to Water Before Purge:	10.88	Sample Time: 13:20			
STABILIZATION = 3 successive readings within limits											
TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
12:45	19.68	6.99	-163	3.530	26.1	1.65	10.88	0.1	0.1	Petroleum-like odor	N/A
12:50	19.37	6.92	-165	3.310	13.5	0.03	10.95	0.1	0.25		N/A
12:55	19.34	6.84	-162	3.170	10.9	0.00	11.05	0.1	0.5		N
13:00	19.33	6.80	-160	3.080	7.1	0.00	11.15	0.2	1		N
13:05	19.31	6.79	-160	3.020	2.0	0.00	11.22	0.2	1.5		N
13:10	19.28	6.78	-161	3.000	1.2	0.00	11.30	0.2	2		N
13:15	19.36	6.78	-161	2.940	0.4	0.00	11.41	0.2	2.5		Y
Notes: 1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point. 2. Well and tubing diameters are measured in inches. 3. PID = Photoionization Detector 4. PPM = Parts per million 5. pH = Hydrogen ion concentration 6. ORP = Oxidation-reduction potential, measured in millivolts (mV) 7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L) 8. DTW = Depth to water 9. mS/cm = milli-Siemens per centimeter 10. NTU = Nephelometric Turbidity Unit											
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 368 Ninth Avenue, 8th Floor, New York											

Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW14	Water Quality Device Model:	Horiba U-52		Weather:	Sunny, 70-80		Sample(s):	RMW14_082925
Project Number:	170487001	Well Depth:	14.98	Pine Number:	NL0B		Background PID (ppm):	0.00			
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:	Geo-Peristaltic Pump		PID Beneath Inner Cap (ppm):	2.40			
Sampling Personnel:	Shawn Martin	Well Screen Interval:	4.00	Pine Number:	GEO137		Pump Intake Depth:	14.50		Sample Date:	08/29/2025
			14.00	Tubing Diameter:	1/4" HDPE		Depth to Water Before Purge:	12.50		Sample Time:	14:50
STABILIZATION = 3 successive readings within limits											
TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
13:00	19.15	8.11	131	3.090	1000.0	3.18	13.20	0.1	0.1	Groundwater treatment chemical present in purged groundwater	N/A
13:40	18.97	7.80	173	3.460	1000.0	3.66	14.75	0.1	0.15		N/A
14:25	19.36	7.32	221	3.330	1000.0	4.94	14.80	0.1	0.2		N
Purged 3 well volumes, sample collected											
Notes:											
1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.											
2. Well and tubing diameters are measured in inches.											
3. PID = Photoionization Detector											
4. PPM = Parts per million											
5. pH = Hydrogen ion concentration											
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)											
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)											
8. DTW = Depth to water											
9. mS/cm = milli-Siemens per centimeter											
10. NTU = Nephelometric Turbidity Unit											
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ATTACHMENT C

LABORATORY ANALYTICAL REPORTS



ANALYTICAL REPORT

Lab Number:	L2554707
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Meghan Aronica
Phone:	(212) 479-5499
Project Name:	445 GERARD AVENUE
Project Number:	170487001
Report Date:	09/10/25

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

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

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



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2554707-01	RMW03_082925	WATER	445 GERARD AVE, BRONX, NY	08/29/25 12:15	08/29/25
L2554707-02	RMW09_082925	WATER	445 GERARD AVE, BRONX, NY	08/29/25 13:20	08/29/25
L2554707-03	RMW14_082925	WATER	445 GERARD AVE, BRONX, NY	08/29/25 14:50	08/29/25
L2554707-04	GWDUP01_082925	WATER	445 GERARD AVE, BRONX, NY	08/29/25 00:00	08/29/25
L2554707-05	FB01_082925	WATER	445 GERARD AVE, BRONX, NY	08/29/25 15:00	08/29/25
L2554707-06	TB01_082925	WATER	445 GERARD AVE, BRONX, NY	08/29/25 00:00	08/29/25

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Case Narrative

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

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

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

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

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

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

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2554707-03D: The sample was received in the proper acid-preserved containers. Upon analysis the pH was determined to be greater than 2 and the method required holding time was exceeded.

L2554707-03D: The sample has elevated detection limits due to the dilution required by the sample matrix (carbon dust).

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

Authorized Signature:  Tiffani Morrissey

Title: Technical Director/Representative

Date: 09/10/25

ORGANICS

VOLATILES

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-01**Date Collected:** 08/29/25 12:15**Client ID:** RMW03_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 09/09/25 22:57**Analyst:** MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	3.9		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-01**Date Collected:** 08/29/25 12:15**Client ID:** RMW03_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.79	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-01**Date Collected:** 08/29/25 12:15**Client ID:** RMW03_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-02**Date Collected:** 08/29/25 13:20**Client ID:** RMW09_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 09/09/25 23:22**Analyst:** MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	5.6		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-02**Date Collected:** 08/29/25 13:20**Client ID:** RMW09_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.91	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	2.1	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-02**Date Collected:** 08/29/25 13:20**Client ID:** RMW09_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	0.80	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS**

Lab ID: L2554707-03 D
 Client ID: RMW14_082925
 Sample Location: 445 GERARD AVE, BRONX, NY

Date Collected: 08/29/25 14:50
 Date Received: 08/29/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/09/25 23:48

Analyst: MJV

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS**

Lab ID: L2554707-03 D

Date Collected: 08/29/25 14:50

Client ID: RMW14_082925

Date Received: 08/29/25

Sample Location: 445 GERARD AVE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-03 D**Date Collected:** 08/29/25 14:50**Client ID:** RMW14_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-04**Date Collected:** 08/29/25 00:00**Client ID:** GWDUP01_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 09/10/25 00:13**Analyst:** MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	5.0		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-04**Date Collected:** 08/29/25 00:00**Client ID:** GWDUP01_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-04**Date Collected:** 08/29/25 00:00**Client ID:** GWDUP01_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS**

Lab ID: L2554707-05

Date Collected: 08/29/25 15:00

Client ID: FB01_082925

Date Received: 08/29/25

Sample Location: 445 GERARD AVE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/10/25 00:39

Analyst: MJV

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS**

Lab ID: L2554707-05

Date Collected: 08/29/25 15:00

Client ID: FB01_082925

Date Received: 08/29/25

Sample Location: 445 GERARD AVE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-05**Date Collected:** 08/29/25 15:00**Client ID:** FB01_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS**

Lab ID: L2554707-06

Date Collected: 08/29/25 00:00

Client ID: TB01_082925

Date Received: 08/29/25

Sample Location: 445 GERARD AVE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 09/10/25 01:04

Analyst: MJV

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-06**Date Collected:** 08/29/25 00:00**Client ID:** TB01_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**SAMPLE RESULTS****Lab ID:** L2554707-06**Date Collected:** 08/29/25 00:00**Client ID:** TB01_082925**Date Received:** 08/29/25**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/09/25 21:41
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2112962-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/09/25 21:41
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2112962-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/09/25 21:41
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2112962-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/09/25 21:41
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2112962-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2554707

Report Date: 09/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2112962-3 WG2112962-4								
Methylene chloride	110		93		70-130	17		20
1,1-Dichloroethane	110		90		70-130	20		20
Chloroform	110		92		70-130	18		20
Carbon tetrachloride	97		80		63-132	19		20
1,2-Dichloropropane	100		87		70-130	14		20
Dibromochloromethane	100		86		63-130	15		20
1,1,2-Trichloroethane	120		96		70-130	22	Q	20
Tetrachloroethene	110		89		70-130	21	Q	20
Chlorobenzene	110		90		75-130	20		20
Trichlorofluoromethane	110		90		62-150	20		20
1,2-Dichloroethane	100		89		70-130	12		20
1,1,1-Trichloroethane	100		85		67-130	16		20
Bromodichloromethane	100		86		67-130	15		20
trans-1,3-Dichloropropene	93		81		70-130	14		20
cis-1,3-Dichloropropene	100		88		70-130	13		20
1,1-Dichloropropene	100		88		70-130	13		20
Bromoform	96		82		54-136	16		20
1,1,2,2-Tetrachloroethane	110		96		67-130	14		20
Benzene	120		98		70-130	20		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2554707

Report Date: 09/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2112962-3 WG2112962-4								
Toluene	110		92		70-130	18		20
Ethylbenzene	110		92		70-130	18		20
Chloromethane	120		100		64-130	18		20
Bromomethane	87		77		39-139	12		20
Vinyl chloride	120		110		55-140	9		20
Chloroethane	130		110		55-138	17		20
1,1-Dichloroethene	120		99		61-145	19		20
trans-1,2-Dichloroethene	110		92		70-130	18		20
Trichloroethene	110		91		70-130	19		20
1,2-Dichlorobenzene	110		89		70-130	21	Q	20
1,3-Dichlorobenzene	110		89		70-130	21	Q	20
1,4-Dichlorobenzene	110		88		70-130	22	Q	20
Methyl tert butyl ether	95		83		63-130	13		20
p/m-Xylene	115		90		70-130	24	Q	20
o-Xylene	110		95		70-130	15		20
cis-1,2-Dichloroethene	110		92		70-130	18		20
Dibromomethane	100		88		70-130	13		20
1,2,3-Trichloropropane	100		90		64-130	11		20
Acrylonitrile	100		88		70-130	13		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2554707

Report Date: 09/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2112962-3 WG2112962-4								
Styrene	115		95		70-130	19		20
Dichlorodifluoromethane	91		76		36-147	18		20
Acetone	110		100		58-148	10		20
Carbon disulfide	130		100		51-130	26	Q	20
2-Butanone	110		94		63-138	16		20
Vinyl acetate	110		93		70-130	17		20
4-Methyl-2-pentanone	87		77		59-130	12		20
2-Hexanone	92		80		57-130	14		20
Bromochloromethane	110		97		70-130	13		20
2,2-Dichloropropane	100		86		63-133	15		20
1,2-Dibromoethane	100		90		70-130	11		20
1,3-Dichloropropane	110		95		70-130	15		20
1,1,1,2-Tetrachloroethane	100		86		64-130	15		20
Bromobenzene	100		90		70-130	11		20
n-Butylbenzene	110		90		53-136	20		20
sec-Butylbenzene	110		88		70-130	22	Q	20
tert-Butylbenzene	110		85		70-130	26	Q	20
o-Chlorotoluene	110		90		70-130	20		20
p-Chlorotoluene	110		88		70-130	22	Q	20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2554707

Report Date: 09/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2112962-3 WG2112962-4								
1,2-Dibromo-3-chloropropane	97		79		41-144	20		20
Hexachlorobutadiene	100		82		63-130	20		20
Isopropylbenzene	100		85		70-130	16		20
p-Isopropyltoluene	110		87		70-130	23	Q	20
Naphthalene	87		74		70-130	16		20
n-Propylbenzene	110		90		69-130	20		20
1,2,3-Trichlorobenzene	100		87		70-130	14		20
1,2,4-Trichlorobenzene	100		82		70-130	20		20
1,3,5-Trimethylbenzene	110		88		64-130	22	Q	20
1,2,4-Trimethylbenzene	110		88		70-130	22	Q	20
1,4-Dioxane	102		94		56-162	8		20
p-Diethylbenzene	100		82		70-130	20		20
p-Ethyltoluene	110		88		70-130	22	Q	20
1,2,4,5-Tetramethylbenzene	92		74		70-130	22	Q	20
Ethyl ether	120		110		59-134	9		20
trans-1,4-Dichloro-2-butene	100		83		70-130	19		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Lab Number: L2554707

Project Number: 170487001

Report Date: 09/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2112962-3 WG2112962-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	102		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2554707

Report Date: 09/10/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2112962-6 WG2112962-7 QC Sample: L2554707-02 Client ID: RMW09_082925												
Methylene chloride	ND	10	10	100		10	100		70-130	0		20
1,1-Dichloroethane	ND	10	9.7	97		9.5	95		70-130	2		20
Chloroform	ND	10	8.9	89		8.7	87		70-130	2		20
Carbon tetrachloride	ND	10	8.2	82		7.6	76		63-132	8		20
1,2-Dichloropropane	ND	10	10	100		9.8	98		70-130	2		20
Dibromochloromethane	ND	10	9.2	92		8.9	89		63-130	3		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	ND	10	9.9	99		9.2	92		70-130	7		20
Chlorobenzene	ND	10	10	100		9.7	97		75-130	3		20
Trichlorofluoromethane	ND	10	9.5	95		8.7	87		62-150	9		20
1,2-Dichloroethane	ND	10	8.5	85		8.4	84		70-130	1		20
1,1,1-Trichloroethane	ND	10	8.9	89		8.4	84		67-130	6		20
Bromodichloromethane	ND	10	8.6	86		8.4	84		67-130	2		20
trans-1,3-Dichloropropene	ND	10	8.5	85		8.4	84		70-130	1		20
cis-1,3-Dichloropropene	ND	10	9.3	93		9.4	94		70-130	1		20
1,1-Dichloropropene	ND	10	10	100		9.4	94		70-130	6		20
Bromoform	ND	10	9.2	92		9.3	93		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		12	120		67-130	9		20
Benzene	5.6	10	21	154	Q	16	104		70-130	27	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2554707

Report Date: 09/10/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2112962-6 WG2112962-7 QC Sample: L2554707-02 Client ID: RMW09_082925												
Toluene	ND	10	11	110		9.9	99		70-130	11		20
Ethylbenzene	ND	10	10	100		9.6	96		70-130	4		20
Chloromethane	ND	10	11	110		11	110		64-130	0		20
Bromomethane	ND	10	5.0	50		5.9	59		39-139	17		20
Vinyl chloride	ND	10	12	120		12	120		55-140	0		20
Chloroethane	ND	10	12	120		11	110		55-138	9		20
1,1-Dichloroethene	ND	10	11	110		11	110		61-145	0		20
trans-1,2-Dichloroethene	ND	10	10	100		9.9	99		70-130	1		20
Trichloroethene	ND	10	9.4	94		8.9	89		70-130	5		20
1,2-Dichlorobenzene	ND	10	10	100		9.8	98		70-130	2		20
1,3-Dichlorobenzene	ND	10	9.8	98		9.6	96		70-130	2		20
1,4-Dichlorobenzene	ND	10	9.9	99		9.5	95		70-130	4		20
Methyl tert butyl ether	ND	10	9.3	93		9.5	95		63-130	2		20
p/m-Xylene	ND	20	21	105		19	95		70-130	10		20
o-Xylene	ND	20	21	105		20	100		70-130	5		20
cis-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Dibromomethane	ND	10	9.2	92		9.2	92		70-130	0		20
1,2,3-Trichloropropane	ND	10	10	100		10	100		64-130	0		20
Acrylonitrile	ND	10	13	130		12	120		70-130	8		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2554707

Report Date: 09/10/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2112962-6 WG2112962-7 QC Sample: L2554707-02 Client ID: RMW09_082925												
Styrene	ND	20	20	100		20	100		70-130	0		20
Dichlorodifluoromethane	ND	10	8.3	83		7.5	75		36-147	10		20
Acetone	2.0J	10	11	110		10	100		58-148	10		20
Carbon disulfide	ND	10	11	110		11	110		51-130	0		20
2-Butanone	ND	10	11	110		12	120		63-138	9		20
Vinyl acetate	ND	10	7.7	77		8.1	81		70-130	5		20
4-Methyl-2-pentanone	ND	10	11	110		11	110		59-130	0		20
2-Hexanone	ND	10	9.7	97		10	100		57-130	3		20
Bromochloromethane	ND	10	10	100		10	100		70-130	0		20
2,2-Dichloropropane	ND	10	8.0	80		7.2	72		63-133	11		20
1,2-Dibromoethane	ND	10	10	100		10	100		70-130	0		20
1,3-Dichloropropane	ND	10	10	100		10	100		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	10	9.2	92		9.0	90		64-130	2		20
Bromobenzene	ND	10	9.9	99		9.9	99		70-130	0		20
n-Butylbenzene	ND	10	10	100		9.4	94		53-136	6		20
sec-Butylbenzene	ND	10	11	110		10	100		70-130	10		20
tert-Butylbenzene	0.91J	10	11	110		10	100		70-130	10		20
o-Chlorotoluene	ND	10	9.9	99		9.6	96		70-130	3		20
p-Chlorotoluene	ND	10	9.8	98		9.3	93		70-130	5		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Lab Number: L2554707

Project Number: 170487001

Report Date: 09/10/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2112962-6 WG2112962-7 QC Sample: L2554707-02 Client ID: RMW09_082925												
1,2-Dibromo-3-chloropropane	ND	10	9.6	96		9.8	98		41-144	2		20
Hexachlorobutadiene	ND	10	8.8	88		8.2	82		63-130	7		20
Isopropylbenzene	2.1J	10	14	140	Q	13	130		70-130	7		20
p-Isopropyltoluene	ND	10	10	100		9.4	94		70-130	6		20
Naphthalene	ND	10	10	100		11	110		70-130	10		20
n-Propylbenzene	0.80J	10	12	120		10	100		69-130	18		20
1,2,3-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,2,4-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,3,5-Trimethylbenzene	ND	10	10	100		9.4	94		64-130	6		20
1,2,4-Trimethylbenzene	ND	10	10	100		9.7	97		70-130	3		20
1,4-Dioxane	ND	500	570	114		620	124		56-162	8		20
p-Diethylbenzene	ND	10	10	100		9.4	94		70-130	6		20
p-Ethyltoluene	ND	10	10	100		9.6	96		70-130	4		20
1,2,4,5-Tetramethylbenzene	ND	10	10	100		9.8	98		70-130	2		20
Ethyl ether	ND	10	12	120		11	110		59-134	9		20
trans-1,4-Dichloro-2-butene	ND	10	8.8	88		9.1	91		70-130	3		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Lab Number: L2554707

Project Number: 170487001

Report Date: 09/10/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2112962-6 WG2112962-7 QC Sample: L2554707-02
Client ID: RMW09_082925

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
4-Bromofluorobenzene	103		105		70-130
Dibromofluoromethane	92		92		70-130
Toluene-d8	103		103		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2554707-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-02C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2554707-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Serial_No:09102515:36
Lab Number: L2554707
Report Date: 09/10/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2554707
Report Date: 09/10/25

Data Qualifiers

estimated.

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2554707**Project Number:** 170487001**Report Date:** 09/10/25

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **28**Published Date: **07/25/2025**Page **1** of **2****Certification Information**

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

MADEP-APH.**Nonpotable Water:** **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

Nonpotable Water: **EPA RSK-175 Dissolved Gases**

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT.****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1:** Hg. **EPA 245.7:** Hg.**SM2340B**

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

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

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

Page |
of

8/30/25

L2554707

☐	Same as Client Info
PO #	

☐ NJ ☐ NY
☐ Other:

Total Bottle

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

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Sample Delivery Group Summary

Pace Job Number : L2554707

Received : 29-AUG-2025

Reviewer : Monique Irving

Account Name : Langan Engineering & Environmental

Project Number : 170487001

Project Name : 445 GERARD AVENUE

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.5	

Condition Information

- | | |
|--|-----|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|----|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|----|

ATTACHMENT D

DATA USABILITY SUMMARY REPORT

368 Ninth Avenue, 8th Floor New York, NY 10001 T: 609.282.8000
Mailing Address: 368 Ninth Avenue, 8th Floor New York, NY 10001-2727

To: Meghan Aronica, Langan Senior Staff Engineer

From: Krzysztof Trafalski, Langan Senior Staff Chemist

Date: October 30, 2025

Re: Data Usability Summary Report
For 445 Gerard Avenue
August 2025 Groundwater Samples
Langan Project No.: 170487003

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in August 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C personnel at the 445 Gerard Avenue site. The samples were analyzed by Pace Analytical Services – Westborough, MA (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the method specified below.

- VOCs by SW-846 Method 8260D

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program “National Functional Guidelines for Organic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program “National Functional Guidelines for Inorganic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Technical Memorandum

Data Usability Summary Report
For 445 Gerard Avenue
August 2025 Groundwater Samples
Langan Project No.: 170487003
October 30, 2025 Page 2 of 4

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. One (1) Sample Delivery Group (SDG) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- R** – The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- J** – The analyte was positively identified but the associated numerical value is approximate.
- UJ** – The analyte was not detected at or above the method detection limit. The method detection limit may be imprecise because of potential low or indeterminate bias.
- U** – The analyte was not detected above the method detection limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified because of this data validation is considered acceptable based on the items specified for review. Data that is qualified as “R” are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

Technical Memorandum

Data Usability Summary Report
For 445 Gerard Avenue
August 2025 Groundwater Samples
Langan Project No.: 170487003
October 30, 2025 Page 3 of 4

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2554707

The sample RMW14_082925 exhibited an exceedance of the recommended holding time for VOCs by SW 8260D (3 days). The associated results are qualified as UJ because of potential low bias.

The TB (TB01_082925) exhibited a detection of acetone (2 ug/L). The associated results in samples RMW03_082925, RMW09_082925, RMW14_082925, and GWDUP01_082925 are qualified as U at the reporting limit because of potential blank contamination.

The LCS/LCSD for batch WG2112962 exhibited a RPD above the control limit for several compounds (21% - 26%). Based on professional judgement, all associated results in samples RMW03_082925, RMW09_082925, RMW14_082925, and GWDUP01_082925 are qualified as J or UJ because of potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2554707

The MS performed on sample RMW09_082925 exhibited percent recoveries above the UCL for benzene (154%) and isopropylbenzene (cumene) (140%) and an RPD above the control limit for benzene (27%). Organic results are not qualified based on MS recoveries alone. No qualification is necessary.

Technical Memorandum

Data Usability Summary Report
For 445 Gerard Avenue
August 2025 Groundwater Samples
Langan Project No.: 170487003
October 30, 2025 Page 4 of 4

FIELD DUPLICATES:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pair was compared to and met the precision criteria:

- GWDUP01_082925 and RMW03_082925

CONCLUSION:

Based on this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

A handwritten signature in purple ink, appearing to read 'K. Trafalski'.

Krzysztof Trafalski
Senior Staff Chemist

**Data Usability Summary Report
For 445 Gerard Avenue
August 2025 Groundwater Samples
Table 1: Sample Summary**

Analytical Parameters:				VOCs
SDG	Lab Sample ID	Client ID	Sample Date	SW8260D
L2554707	L2554707-01	RMW03_082925	8/29/2025	x
L2554707	L2554707-02	RMW09_082925	8/29/2025	x
L2554707	L2554707-03	RMW14_082925	8/29/2025	x
L2554707	L2554707-04	GWDUP01_082925	8/29/2025	x
L2554707	L2554707-05	FB01_082925	8/29/2025	x
L2554707	L2554707-06	TB01_082925	8/29/2025	x

**Data Usability Summary Report
For 445 Gerard Avenue
August 2025 Groundwater Samples
Table 2: Validator-Applied Qualification**

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
L2554707	GWDUP01_082925	SW8260D	630-20-6	1,1,1,2-Tetrachloroethane	UJ
L2554707	GWDUP01_082925	SW8260D	71-55-6	1,1,1-Trichloroethane (TCA)	UJ
L2554707	GWDUP01_082925	SW8260D	79-34-5	1,1,2,2-Tetrachloroethane	UJ
L2554707	GWDUP01_082925	SW8260D	79-00-5	1,1,2-Trichloroethane	UJ
L2554707	GWDUP01_082925	SW8260D	75-34-3	1,1-Dichloroethane	UJ
L2554707	GWDUP01_082925	SW8260D	75-35-4	1,1-Dichloroethene	UJ
L2554707	GWDUP01_082925	SW8260D	563-58-6	1,1-Dichloropropene	UJ
L2554707	GWDUP01_082925	SW8260D	87-61-6	1,2,3-Trichlorobenzene	UJ
L2554707	GWDUP01_082925	SW8260D	96-18-4	1,2,3-Trichloropropane	UJ
L2554707	GWDUP01_082925	SW8260D	95-93-2	1,2,4,5-Tetramethylbenzene	UJ
L2554707	GWDUP01_082925	SW8260D	120-82-1	1,2,4-Trichlorobenzene	UJ
L2554707	GWDUP01_082925	SW8260D	95-63-6	1,2,4-Trimethylbenzene	UJ
L2554707	GWDUP01_082925	SW8260D	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
L2554707	GWDUP01_082925	SW8260D	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	UJ
L2554707	GWDUP01_082925	SW8260D	95-50-1	1,2-Dichlorobenzene	UJ
L2554707	GWDUP01_082925	SW8260D	107-06-2	1,2-Dichloroethane	UJ
L2554707	GWDUP01_082925	SW8260D	78-87-5	1,2-Dichloropropane	UJ
L2554707	GWDUP01_082925	SW8260D	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	UJ
L2554707	GWDUP01_082925	SW8260D	541-73-1	1,3-Dichlorobenzene	UJ
L2554707	GWDUP01_082925	SW8260D	142-28-9	1,3-Dichloropropane	UJ
L2554707	GWDUP01_082925	SW8260D	106-46-7	1,4-Dichlorobenzene	UJ
L2554707	GWDUP01_082925	SW8260D	105-05-5	1,4-Diethyl Benzene	UJ
L2554707	GWDUP01_082925	SW8260D	123-91-1	1,4-Dioxane (P-Dioxane)	UJ
L2554707	GWDUP01_082925	SW8260D	594-20-7	2,2-Dichloropropane	UJ
L2554707	GWDUP01_082925	SW8260D	95-49-8	2-Chlorotoluene	UJ
L2554707	GWDUP01_082925	SW8260D	591-78-6	2-Hexanone	UJ
L2554707	GWDUP01_082925	SW8260D	106-43-4	4-Chlorotoluene	UJ
L2554707	GWDUP01_082925	SW8260D	622-96-8	4-Ethyltoluene	UJ
L2554707	GWDUP01_082925	SW8260D	67-64-1	Acetone	J
L2554707	GWDUP01_082925	SW8260D	107-13-1	Acrylonitrile	UJ
L2554707	GWDUP01_082925	SW8260D	71-43-2	Benzene	J
L2554707	GWDUP01_082925	SW8260D	108-86-1	Bromobenzene	UJ
L2554707	GWDUP01_082925	SW8260D	74-97-5	Bromochloromethane	UJ
L2554707	GWDUP01_082925	SW8260D	75-27-4	Bromodichloromethane	UJ
L2554707	GWDUP01_082925	SW8260D	75-25-2	Bromoform	UJ
L2554707	GWDUP01_082925	SW8260D	74-83-9	Bromomethane	UJ
L2554707	GWDUP01_082925	SW8260D	75-15-0	Carbon Disulfide	UJ
L2554707	GWDUP01_082925	SW8260D	56-23-5	Carbon Tetrachloride	UJ
L2554707	GWDUP01_082925	SW8260D	108-90-7	Chlorobenzene	UJ
L2554707	GWDUP01_082925	SW8260D	75-00-3	Chloroethane	UJ
L2554707	GWDUP01_082925	SW8260D	67-66-3	Chloroform	UJ
L2554707	GWDUP01_082925	SW8260D	74-87-3	Chloromethane (Methyl Chloride)	UJ
L2554707	GWDUP01_082925	SW8260D	156-59-2	cis-1,2-Dichloroethene	UJ
L2554707	GWDUP01_082925	SW8260D	10061-01-5	cis-1,3-Dichloropropene	UJ
L2554707	GWDUP01_082925	SW8260D	124-48-1	Dibromochloromethane	UJ
L2554707	GWDUP01_082925	SW8260D	74-95-3	Dibromomethane	UJ
L2554707	GWDUP01_082925	SW8260D	75-71-8	Dichlorodifluoromethane	UJ
L2554707	GWDUP01_082925	SW8260D	540-59-0	Dichloroethenes	UJ
L2554707	GWDUP01_082925	SW8260D	60-29-7	Diethyl Ether (Ethyl Ether)	UJ
L2554707	GWDUP01_082925	SW8260D	100-41-4	Ethylbenzene	UJ
L2554707	GWDUP01_082925	SW8260D	87-68-3	Hexachlorobutadiene	UJ
L2554707	GWDUP01_082925	SW8260D	98-82-8	Isopropylbenzene (Cumene)	J
L2554707	GWDUP01_082925	SW8260D	179601-23-1	m,p-Xylene	UJ
L2554707	GWDUP01_082925	SW8260D	78-93-3	Methyl Ethyl Ketone (2-Butanone)	UJ

**Data Usability Summary Report
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Table 2: Validator-Applied Qualification**

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
L2554707	GWDUP01_082925	SW8260D	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
L2554707	GWDUP01_082925	SW8260D	75-09-2	Methylene Chloride	UJ
L2554707	GWDUP01_082925	SW8260D	91-20-3	Naphthalene	UJ
L2554707	GWDUP01_082925	SW8260D	104-51-8	N-Butylbenzene	UJ
L2554707	GWDUP01_082925	SW8260D	103-65-1	N-Propylbenzene	UJ
L2554707	GWDUP01_082925	SW8260D	95-47-6	o-Xylene (1,2-Dimethylbenzene)	UJ
L2554707	GWDUP01_082925	SW8260D	99-87-6	p-Cymene (p-Isopropyltoluene)	UJ
L2554707	GWDUP01_082925	SW8260D	135-98-8	sec-Butylbenzene	UJ
L2554707	GWDUP01_082925	SW8260D	100-42-5	Styrene	UJ
L2554707	GWDUP01_082925	SW8260D	1634-04-4	tert-Butyl Methyl Ether	UJ
L2554707	GWDUP01_082925	SW8260D	98-06-6	tert-Butylbenzene	UJ
L2554707	GWDUP01_082925	SW8260D	127-18-4	Tetrachloroethene (PCE)	UJ
L2554707	GWDUP01_082925	SW8260D	108-88-3	Toluene	UJ
L2554707	GWDUP01_082925	SW8260D	542-75-6	Total, 1,3-Dichloropropene (Cis And Trans)	UJ
L2554707	GWDUP01_082925	SW8260D	156-60-5	trans-1,2-Dichloroethene	UJ
L2554707	GWDUP01_082925	SW8260D	10061-02-6	trans-1,3-Dichloropropene	UJ
L2554707	GWDUP01_082925	SW8260D	110-57-6	Trans-1,4-Dichloro-2-Butene	UJ
L2554707	GWDUP01_082925	SW8260D	79-01-6	Trichloroethene (TCE)	UJ
L2554707	GWDUP01_082925	SW8260D	75-69-4	Trichlorofluoromethane	UJ
L2554707	GWDUP01_082925	SW8260D	108-05-4	Vinyl Acetate	UJ
L2554707	GWDUP01_082925	SW8260D	75-01-4	Vinyl Chloride	UJ
L2554707	GWDUP01_082925	SW8260D	1330-20-7	Xylenes	UJ
L2554707	RMW03_082925	SW8260D	630-20-6	1,1,1,2-Tetrachloroethane	UJ
L2554707	RMW03_082925	SW8260D	71-55-6	1,1,1-Trichloroethane (TCA)	UJ
L2554707	RMW03_082925	SW8260D	79-34-5	1,1,2,2-Tetrachloroethane	UJ
L2554707	RMW03_082925	SW8260D	79-00-5	1,1,2-Trichloroethane	UJ
L2554707	RMW03_082925	SW8260D	75-34-3	1,1-Dichloroethane	UJ
L2554707	RMW03_082925	SW8260D	75-35-4	1,1-Dichloroethene	UJ
L2554707	RMW03_082925	SW8260D	563-58-6	1,1-Dichloropropene	UJ
L2554707	RMW03_082925	SW8260D	87-61-6	1,2,3-Trichlorobenzene	UJ
L2554707	RMW03_082925	SW8260D	96-18-4	1,2,3-Trichloropropane	UJ
L2554707	RMW03_082925	SW8260D	95-93-2	1,2,4,5-Tetramethylbenzene	UJ
L2554707	RMW03_082925	SW8260D	120-82-1	1,2,4-Trichlorobenzene	UJ
L2554707	RMW03_082925	SW8260D	95-63-6	1,2,4-Trimethylbenzene	UJ
L2554707	RMW03_082925	SW8260D	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
L2554707	RMW03_082925	SW8260D	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	UJ
L2554707	RMW03_082925	SW8260D	95-50-1	1,2-Dichlorobenzene	UJ
L2554707	RMW03_082925	SW8260D	107-06-2	1,2-Dichloroethane	UJ
L2554707	RMW03_082925	SW8260D	78-87-5	1,2-Dichloropropane	UJ
L2554707	RMW03_082925	SW8260D	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	UJ
L2554707	RMW03_082925	SW8260D	541-73-1	1,3-Dichlorobenzene	UJ
L2554707	RMW03_082925	SW8260D	142-28-9	1,3-Dichloropropane	UJ
L2554707	RMW03_082925	SW8260D	106-46-7	1,4-Dichlorobenzene	UJ
L2554707	RMW03_082925	SW8260D	105-05-5	1,4-Diethyl Benzene	UJ
L2554707	RMW03_082925	SW8260D	123-91-1	1,4-Dioxane (P-Dioxane)	UJ
L2554707	RMW03_082925	SW8260D	594-20-7	2,2-Dichloropropane	UJ
L2554707	RMW03_082925	SW8260D	95-49-8	2-Chlorotoluene	UJ
L2554707	RMW03_082925	SW8260D	591-78-6	2-Hexanone	UJ
L2554707	RMW03_082925	SW8260D	106-43-4	4-Chlorotoluene	UJ
L2554707	RMW03_082925	SW8260D	622-96-8	4-Ethyltoluene	UJ
L2554707	RMW03_082925	SW8260D	67-64-1	Acetone	J
L2554707	RMW03_082925	SW8260D	107-13-1	Acrylonitrile	UJ
L2554707	RMW03_082925	SW8260D	71-43-2	Benzene	J
L2554707	RMW03_082925	SW8260D	108-86-1	Bromobenzene	UJ

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Table 2: Validator-Applied Qualification**

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
L2554707	RMW03_082925	SW8260D	74-97-5	Bromochloromethane	UJ
L2554707	RMW03_082925	SW8260D	75-27-4	Bromodichloromethane	UJ
L2554707	RMW03_082925	SW8260D	75-25-2	Bromoform	UJ
L2554707	RMW03_082925	SW8260D	74-83-9	Bromomethane	UJ
L2554707	RMW03_082925	SW8260D	75-15-0	Carbon Disulfide	UJ
L2554707	RMW03_082925	SW8260D	56-23-5	Carbon Tetrachloride	UJ
L2554707	RMW03_082925	SW8260D	108-90-7	Chlorobenzene	UJ
L2554707	RMW03_082925	SW8260D	75-00-3	Chloroethane	UJ
L2554707	RMW03_082925	SW8260D	67-66-3	Chloroform	UJ
L2554707	RMW03_082925	SW8260D	74-87-3	Chloromethane (Methyl Chloride)	UJ
L2554707	RMW03_082925	SW8260D	156-59-2	cis-1,2-Dichlorethene	UJ
L2554707	RMW03_082925	SW8260D	10061-01-5	cis-1,3-Dichloropropene	UJ
L2554707	RMW03_082925	SW8260D	124-48-1	Dibromochloromethane	UJ
L2554707	RMW03_082925	SW8260D	74-95-3	Dibromomethane	UJ
L2554707	RMW03_082925	SW8260D	75-71-8	Dichlorodifluoromethane	UJ
L2554707	RMW03_082925	SW8260D	540-59-0	Dichloroethenes	UJ
L2554707	RMW03_082925	SW8260D	60-29-7	Diethyl Ether (Ethyl Ether)	UJ
L2554707	RMW03_082925	SW8260D	100-41-4	Ethylbenzene	UJ
L2554707	RMW03_082925	SW8260D	87-68-3	Hexachlorobutadiene	UJ
L2554707	RMW03_082925	SW8260D	98-82-8	Isopropylbenzene (Cumene)	J
L2554707	RMW03_082925	SW8260D	179601-23-1	m,p-Xylene	UJ
L2554707	RMW03_082925	SW8260D	78-93-3	Methyl Ethyl Ketone (2-Butanone)	UJ
L2554707	RMW03_082925	SW8260D	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
L2554707	RMW03_082925	SW8260D	75-09-2	Methylene Chloride	UJ
L2554707	RMW03_082925	SW8260D	91-20-3	Naphthalene	UJ
L2554707	RMW03_082925	SW8260D	104-51-8	N-Butylbenzene	UJ
L2554707	RMW03_082925	SW8260D	103-65-1	N-Propylbenzene	UJ
L2554707	RMW03_082925	SW8260D	95-47-6	o-Xylene (1,2-Dimethylbenzene)	UJ
L2554707	RMW03_082925	SW8260D	99-87-6	p-Cymene (p-Isopropyltoluene)	UJ
L2554707	RMW03_082925	SW8260D	135-98-8	sec-Butylbenzene	UJ
L2554707	RMW03_082925	SW8260D	100-42-5	Styrene	UJ
L2554707	RMW03_082925	SW8260D	1634-04-4	tert-Butyl Methyl Ether	UJ
L2554707	RMW03_082925	SW8260D	98-06-6	tert-Butylbenzene	UJ
L2554707	RMW03_082925	SW8260D	127-18-4	Tetrachloroethene (PCE)	UJ
L2554707	RMW03_082925	SW8260D	108-88-3	Toluene	UJ
L2554707	RMW03_082925	SW8260D	542-75-6	Total, 1,3-Dichloropropene (Cis And Trans)	UJ
L2554707	RMW03_082925	SW8260D	156-60-5	trans-1,2-Dichloroethene	UJ
L2554707	RMW03_082925	SW8260D	10061-02-6	trans-1,3-Dichloropropene	UJ
L2554707	RMW03_082925	SW8260D	110-57-6	Trans-1,4-Dichloro-2-Butene	UJ
L2554707	RMW03_082925	SW8260D	79-01-6	Trichloroethene (TCE)	UJ
L2554707	RMW03_082925	SW8260D	75-69-4	Trichlorofluoromethane	UJ
L2554707	RMW03_082925	SW8260D	108-05-4	Vinyl Acetate	UJ
L2554707	RMW03_082925	SW8260D	75-01-4	Vinyl Chloride	UJ
L2554707	RMW03_082925	SW8260D	1330-20-7	Xylenes	UJ
L2554707	RMW09_082925	SW8260D	630-20-6	1,1,1,2-Tetrachloroethane	UJ
L2554707	RMW09_082925	SW8260D	71-55-6	1,1,1-Trichloroethane (TCA)	UJ
L2554707	RMW09_082925	SW8260D	79-34-5	1,1,2,2-Tetrachloroethane	UJ
L2554707	RMW09_082925	SW8260D	79-00-5	1,1,2-Trichloroethane	UJ
L2554707	RMW09_082925	SW8260D	75-34-3	1,1-Dichloroethane	UJ
L2554707	RMW09_082925	SW8260D	75-35-4	1,1-Dichloroethene	UJ
L2554707	RMW09_082925	SW8260D	563-58-6	1,1-Dichloropropene	UJ
L2554707	RMW09_082925	SW8260D	87-61-6	1,2,3-Trichlorobenzene	UJ
L2554707	RMW09_082925	SW8260D	96-18-4	1,2,3-Trichloropropane	UJ
L2554707	RMW09_082925	SW8260D	95-93-2	1,2,4,5-Tetramethylbenzene	UJ

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SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
L2554707	RMW09_082925	SW8260D	120-82-1	1,2,4-Trichlorobenzene	UJ
L2554707	RMW09_082925	SW8260D	95-63-6	1,2,4-Trimethylbenzene	UJ
L2554707	RMW09_082925	SW8260D	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
L2554707	RMW09_082925	SW8260D	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	UJ
L2554707	RMW09_082925	SW8260D	95-50-1	1,2-Dichlorobenzene	UJ
L2554707	RMW09_082925	SW8260D	107-06-2	1,2-Dichloroethane	UJ
L2554707	RMW09_082925	SW8260D	78-87-5	1,2-Dichloropropane	UJ
L2554707	RMW09_082925	SW8260D	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	UJ
L2554707	RMW09_082925	SW8260D	541-73-1	1,3-Dichlorobenzene	UJ
L2554707	RMW09_082925	SW8260D	142-28-9	1,3-Dichloropropane	UJ
L2554707	RMW09_082925	SW8260D	106-46-7	1,4-Dichlorobenzene	UJ
L2554707	RMW09_082925	SW8260D	105-05-5	1,4-Diethyl Benzene	UJ
L2554707	RMW09_082925	SW8260D	123-91-1	1,4-Dioxane (P-Dioxane)	UJ
L2554707	RMW09_082925	SW8260D	594-20-7	2,2-Dichloropropane	UJ
L2554707	RMW09_082925	SW8260D	95-49-8	2-Chlorotoluene	UJ
L2554707	RMW09_082925	SW8260D	591-78-6	2-Hexanone	UJ
L2554707	RMW09_082925	SW8260D	106-43-4	4-Chlorotoluene	UJ
L2554707	RMW09_082925	SW8260D	622-96-8	4-Ethyltoluene	UJ
L2554707	RMW09_082925	SW8260D	67-64-1	Acetone	J
L2554707	RMW09_082925	SW8260D	107-13-1	Acrylonitrile	UJ
L2554707	RMW09_082925	SW8260D	71-43-2	Benzene	J
L2554707	RMW09_082925	SW8260D	108-86-1	Bromobenzene	UJ
L2554707	RMW09_082925	SW8260D	74-97-5	Bromochloromethane	UJ
L2554707	RMW09_082925	SW8260D	75-27-4	Bromodichloromethane	UJ
L2554707	RMW09_082925	SW8260D	75-25-2	Bromoform	UJ
L2554707	RMW09_082925	SW8260D	74-83-9	Bromomethane	UJ
L2554707	RMW09_082925	SW8260D	75-15-0	Carbon Disulfide	UJ
L2554707	RMW09_082925	SW8260D	56-23-5	Carbon Tetrachloride	UJ
L2554707	RMW09_082925	SW8260D	108-90-7	Chlorobenzene	UJ
L2554707	RMW09_082925	SW8260D	75-00-3	Chloroethane	UJ
L2554707	RMW09_082925	SW8260D	67-66-3	Chloroform	UJ
L2554707	RMW09_082925	SW8260D	74-87-3	Chloromethane (Methyl Chloride)	UJ
L2554707	RMW09_082925	SW8260D	156-59-2	cis-1,2-Dichlorethene	UJ
L2554707	RMW09_082925	SW8260D	10061-01-5	cis-1,3-Dichloropropene	UJ
L2554707	RMW09_082925	SW8260D	124-48-1	Dibromochloromethane	UJ
L2554707	RMW09_082925	SW8260D	74-95-3	Dibromomethane	UJ
L2554707	RMW09_082925	SW8260D	75-71-8	Dichlorodifluoromethane	UJ
L2554707	RMW09_082925	SW8260D	540-59-0	Dichloroethenes	UJ
L2554707	RMW09_082925	SW8260D	60-29-7	Diethyl Ether (Ethyl Ether)	UJ
L2554707	RMW09_082925	SW8260D	100-41-4	Ethylbenzene	UJ
L2554707	RMW09_082925	SW8260D	87-68-3	Hexachlorobutadiene	UJ
L2554707	RMW09_082925	SW8260D	98-82-8	Isopropylbenzene (Cumene)	J
L2554707	RMW09_082925	SW8260D	179601-23-1	m,p-Xylene	UJ
L2554707	RMW09_082925	SW8260D	78-93-3	Methyl Ethyl Ketone (2-Butanone)	UJ
L2554707	RMW09_082925	SW8260D	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
L2554707	RMW09_082925	SW8260D	75-09-2	Methylene Chloride	UJ
L2554707	RMW09_082925	SW8260D	91-20-3	Naphthalene	UJ
L2554707	RMW09_082925	SW8260D	104-51-8	N-Butylbenzene	UJ
L2554707	RMW09_082925	SW8260D	103-65-1	N-Propylbenzene	J
L2554707	RMW09_082925	SW8260D	95-47-6	o-Xylene (1,2-Dimethylbenzene)	UJ
L2554707	RMW09_082925	SW8260D	99-87-6	p-Cymene (p-Isopropyltoluene)	UJ
L2554707	RMW09_082925	SW8260D	135-98-8	sec-Butylbenzene	UJ
L2554707	RMW09_082925	SW8260D	100-42-5	Styrene	UJ
L2554707	RMW09_082925	SW8260D	1634-04-4	tert-Butyl Methyl Ether	UJ

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Table 2: Validator-Applied Qualification**

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
L2554707	RMW09_082925	SW8260D	98-06-6	tert-Butylbenzene	J
L2554707	RMW09_082925	SW8260D	127-18-4	Tetrachloroethene (PCE)	UJ
L2554707	RMW09_082925	SW8260D	108-88-3	Toluene	UJ
L2554707	RMW09_082925	SW8260D	542-75-6	Total, 1,3-Dichloropropene (Cis And Trans)	UJ
L2554707	RMW09_082925	SW8260D	156-60-5	trans-1,2-Dichloroethene	UJ
L2554707	RMW09_082925	SW8260D	10061-02-6	trans-1,3-Dichloropropene	UJ
L2554707	RMW09_082925	SW8260D	110-57-6	Trans-1,4-Dichloro-2-Butene	UJ
L2554707	RMW09_082925	SW8260D	79-01-6	Trichloroethene (TCE)	UJ
L2554707	RMW09_082925	SW8260D	75-69-4	Trichlorofluoromethane	UJ
L2554707	RMW09_082925	SW8260D	108-05-4	Vinyl Acetate	UJ
L2554707	RMW09_082925	SW8260D	75-01-4	Vinyl Chloride	UJ
L2554707	RMW09_082925	SW8260D	1330-20-7	Xylenes	UJ
L2554707	RMW14_082925	SW8260D	630-20-6	1,1,1,2-Tetrachloroethane	UJ
L2554707	RMW14_082925	SW8260D	71-55-6	1,1,1-Trichloroethane (TCA)	UJ
L2554707	RMW14_082925	SW8260D	79-34-5	1,1,2,2-Tetrachloroethane	UJ
L2554707	RMW14_082925	SW8260D	79-00-5	1,1,2-Trichloroethane	UJ
L2554707	RMW14_082925	SW8260D	75-34-3	1,1-Dichloroethane	UJ
L2554707	RMW14_082925	SW8260D	75-35-4	1,1-Dichloroethene	UJ
L2554707	RMW14_082925	SW8260D	563-58-6	1,1-Dichloropropene	UJ
L2554707	RMW14_082925	SW8260D	87-61-6	1,2,3-Trichlorobenzene	UJ
L2554707	RMW14_082925	SW8260D	96-18-4	1,2,3-Trichloropropane	UJ
L2554707	RMW14_082925	SW8260D	95-93-2	1,2,4,5-Tetramethylbenzene	UJ
L2554707	RMW14_082925	SW8260D	120-82-1	1,2,4-Trichlorobenzene	UJ
L2554707	RMW14_082925	SW8260D	95-63-6	1,2,4-Trimethylbenzene	UJ
L2554707	RMW14_082925	SW8260D	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
L2554707	RMW14_082925	SW8260D	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	UJ
L2554707	RMW14_082925	SW8260D	95-50-1	1,2-Dichlorobenzene	UJ
L2554707	RMW14_082925	SW8260D	107-06-2	1,2-Dichloroethane	UJ
L2554707	RMW14_082925	SW8260D	78-87-5	1,2-Dichloropropane	UJ
L2554707	RMW14_082925	SW8260D	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	UJ
L2554707	RMW14_082925	SW8260D	541-73-1	1,3-Dichlorobenzene	UJ
L2554707	RMW14_082925	SW8260D	142-28-9	1,3-Dichloropropane	UJ
L2554707	RMW14_082925	SW8260D	106-46-7	1,4-Dichlorobenzene	UJ
L2554707	RMW14_082925	SW8260D	105-05-5	1,4-Diethyl Benzene	UJ
L2554707	RMW14_082925	SW8260D	123-91-1	1,4-Dioxane (P-Dioxane)	UJ
L2554707	RMW14_082925	SW8260D	594-20-7	2,2-Dichloropropane	UJ
L2554707	RMW14_082925	SW8260D	95-49-8	2-Chlorotoluene	UJ
L2554707	RMW14_082925	SW8260D	591-78-6	2-Hexanone	UJ
L2554707	RMW14_082925	SW8260D	106-43-4	4-Chlorotoluene	UJ
L2554707	RMW14_082925	SW8260D	622-96-8	4-Ethyltoluene	UJ
L2554707	RMW14_082925	SW8260D	67-64-1	Acetone	UJ
L2554707	RMW14_082925	SW8260D	107-13-1	Acrylonitrile	UJ
L2554707	RMW14_082925	SW8260D	71-43-2	Benzene	UJ
L2554707	RMW14_082925	SW8260D	108-86-1	Bromobenzene	UJ
L2554707	RMW14_082925	SW8260D	74-97-5	Bromochloromethane	UJ
L2554707	RMW14_082925	SW8260D	75-27-4	Bromodichloromethane	UJ
L2554707	RMW14_082925	SW8260D	75-25-2	Bromoform	UJ
L2554707	RMW14_082925	SW8260D	74-83-9	Bromomethane	UJ
L2554707	RMW14_082925	SW8260D	75-15-0	Carbon Disulfide	UJ
L2554707	RMW14_082925	SW8260D	56-23-5	Carbon Tetrachloride	UJ
L2554707	RMW14_082925	SW8260D	108-90-7	Chlorobenzene	UJ
L2554707	RMW14_082925	SW8260D	75-00-3	Chloroethane	UJ
L2554707	RMW14_082925	SW8260D	67-66-3	Chloroform	UJ
L2554707	RMW14_082925	SW8260D	74-87-3	Chloromethane (Methyl Chloride)	UJ

**Data Usability Summary Report
For 445 Gerard Avenue
August 2025 Groundwater Samples
Table 2: Validator-Applied Qualification**

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
L2554707	RMW14_082925	SW8260D	156-59-2	cis-1,2-Dichloroethene	UJ
L2554707	RMW14_082925	SW8260D	10061-01-5	cis-1,3-Dichloropropene	UJ
L2554707	RMW14_082925	SW8260D	124-48-1	Dibromochloromethane	UJ
L2554707	RMW14_082925	SW8260D	74-95-3	Dibromomethane	UJ
L2554707	RMW14_082925	SW8260D	75-71-8	Dichlorodifluoromethane	UJ
L2554707	RMW14_082925	SW8260D	540-59-0	Dichloroethenes	UJ
L2554707	RMW14_082925	SW8260D	60-29-7	Diethyl Ether (Ethyl Ether)	UJ
L2554707	RMW14_082925	SW8260D	100-41-4	Ethylbenzene	UJ
L2554707	RMW14_082925	SW8260D	87-68-3	Hexachlorobutadiene	UJ
L2554707	RMW14_082925	SW8260D	98-82-8	Isopropylbenzene (Cumene)	UJ
L2554707	RMW14_082925	SW8260D	179601-23-1	m,p-Xylene	UJ
L2554707	RMW14_082925	SW8260D	78-93-3	Methyl Ethyl Ketone (2-Butanone)	UJ
L2554707	RMW14_082925	SW8260D	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
L2554707	RMW14_082925	SW8260D	75-09-2	Methylene Chloride	UJ
L2554707	RMW14_082925	SW8260D	91-20-3	Naphthalene	UJ
L2554707	RMW14_082925	SW8260D	104-51-8	N-Butylbenzene	UJ
L2554707	RMW14_082925	SW8260D	103-65-1	N-Propylbenzene	UJ
L2554707	RMW14_082925	SW8260D	95-47-6	o-Xylene (1,2-Dimethylbenzene)	UJ
L2554707	RMW14_082925	SW8260D	99-87-6	p-Cymene (p-Isopropyltoluene)	UJ
L2554707	RMW14_082925	SW8260D	135-98-8	sec-Butylbenzene	UJ
L2554707	RMW14_082925	SW8260D	100-42-5	Styrene	UJ
L2554707	RMW14_082925	SW8260D	1634-04-4	tert-Butyl Methyl Ether	UJ
L2554707	RMW14_082925	SW8260D	98-06-6	tert-Butylbenzene	UJ
L2554707	RMW14_082925	SW8260D	127-18-4	Tetrachloroethene (PCE)	UJ
L2554707	RMW14_082925	SW8260D	108-88-3	Toluene	UJ
L2554707	RMW14_082925	SW8260D	542-75-6	Total, 1,3-Dichloropropene (Cis And Trans)	UJ
L2554707	RMW14_082925	SW8260D	156-60-5	trans-1,2-Dichloroethene	UJ
L2554707	RMW14_082925	SW8260D	10061-02-6	trans-1,3-Dichloropropene	UJ
L2554707	RMW14_082925	SW8260D	110-57-6	Trans-1,4-Dichloro-2-Butene	UJ
L2554707	RMW14_082925	SW8260D	79-01-6	Trichloroethene (TCE)	UJ
L2554707	RMW14_082925	SW8260D	75-69-4	Trichlorofluoromethane	UJ
L2554707	RMW14_082925	SW8260D	108-05-4	Vinyl Acetate	UJ
L2554707	RMW14_082925	SW8260D	75-01-4	Vinyl Chloride	UJ
L2554707	RMW14_082925	SW8260D	1330-20-7	Xylenes	UJ

February 17, 2026

Ms. Brittany Taranto
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233

**RE: November 2025 Groundwater Monitoring Report
Gerard Avenue and East 146th Street
Bronx, New York
NYSDEC BCP Site No. C203111
Langan Project No.: 170487003**

Dear Brittany Taranto,

In accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan, Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) conducted groundwater sampling at 445 Gerard Avenue (the site) located in the Mott Haven neighborhood of the Bronx, New York. A site location map is provided as Figure 1. Sampling was conducted on November 20, 2025, and is the third sampling event completed following the implementation of the supplemental groundwater treatment program, which was implemented between February 24 and February 28, 2025, to address residual petroleum impacts in groundwater. The first post-injection groundwater sampling event following implementation of the supplemental groundwater treatment program was performed on May 29, 2025.

Project Background

The about 38,000-square-foot (0.87 acre) site is identified as Block 2351, Lots 1, 3, 12, and 20 on the New York City Bronx Borough Tax Map. The site was developed into a 12-story mixed-use commercial and residential building with a partial cellar. A site layout plan is provided as Figure 2.

Petroleum-impacted soil, groundwater, and soil vapor attributed to former on-site operations and petroleum bulk storage were identified in the northern part of the site during a Remedial Investigation (RI) performed between December 2018 and January 2019. Based on these findings, Spill No. 1705596 was assigned. A NYSDEC-approved in-situ chemical oxidation (ISCO) program was implemented between November 2020 and January 2021 to target petroleum-

related volatile organic compounds (VOC) and semivolatile organic compounds (SVOCs) in groundwater. Excavation and off-site disposal of contaminated fill/soil, decommissioning of underground storage tanks (USTs), and installation of permanent groundwater monitoring wells was completed between February and June 2021 in accordance with the NYSDEC-approved April 28, 2020 Remedial Action Work Plan (RAWP). A Track 4 remedy was achieved and a certificate of completion (COC) was issued on December 28, 2021. Following completion of the ISCO program and site-wide remedy, five post-remedial groundwater monitoring wells were installed (RMW01, RMW03, RMW09, RMW10, and RMW14) and eight quarterly sampling events were completed between April 2021 and January 2023 in accordance with the December 21, 2021 Site Management Plan (SMP). Langan requested the discontinuation of groundwater monitoring in the April 4, 2023 Eighth Quarterly Groundwater Monitoring Report. Although remaining VOC and SVOC contamination was present, most significantly in RMW14, consistent reduction had been observed and significant further reduction was not anticipated. In the July 6, 2023 Eighth Quarterly Groundwater Monitoring Report & Periodic Review Report comment letter, the NYSDEC requested that an additional sampling event (Q9) be conducted, including a synoptic gauging of the monitoring wells and development of a groundwater contour map.

The Q9 sampling event was performed in September 2023. Results indicated that SVOCs were no longer present at concentrations exceeding the NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA drinking water (herein collectively referenced as NYSDEC SGVs) and residual VOC impacts remained only in RMW14, except for benzene in RMW09. Geochemical parameters, specifically dissolved oxygen (DO), had depleted, indicating that subsurface conditions no longer appeared to be favorable for breakdown of petroleum-related compounds.

Langan reviewed the results of the Q9 sampling event with the NYSDEC on January 30, 2024. Although natural attenuation may have been occurring at RMW14, additional groundwater treatment in the vicinity of RMW14 was discussed as a final step to reduce VOC impacts. The NYSDEC agreed with this approach and recommended continued groundwater monitoring at select locations.

February 2025 Groundwater Treatment Work Plan Injection Implementation

In accordance with the December 2, 2024 Groundwater Treatment Work Plan, a series of three remedial technologies, 1) adsorption and bioremediation using PetroFix™, 2) chemical flocculation by calcium chloride, and 3) an Oxygen Reduction Compound (ORC) Advanced® sock were selected to address residual petroleum-related VOCs in groundwater. PetroFix™ is a proprietary product developed by Regenesis Remediation Solutions (Regenesis) that provides an adsorptive media onto which the dissolved VOCs can partition. In turn, attached microbial growth

occurs on the surface of the adsorptive media, resulting in contaminant destruction via biodegradation. PetroFix™ employs the techniques of organic polymer dispersion chemistry to suspend activated carbon particles in a colloidal matrix. A calcium chloride flush can be used to prevent or “park” colloidal suspensions of carbon by flocculation, facilitating bonding between particles to create larger aggregates that can be separated, resulting in improved aquifer clarification. Finally, the application of ORC Advanced® to the subsurface via socks can enhance biological activity, which accelerates the rate of naturally-occurring aerobic biodegradation in groundwater.

The injection program was implemented by Regenesis and Coastal Environmental Solutions (Coastal) under the oversight of Langan between February 24 and February 28, 2025. Coastal injected PetroFix™ solution directly into post-remedial monitoring well RMW14 and off-site monitoring wells OMW-01 and OMW-02 using a “bottom-up” approach. Flexible hose extended from a mixing tank to the injection pump, and then to an injection manifold at the drill rig. A hollow steel injection rod delivered the PetroFix™ under low pressures ranging from 10 to 50 pounds per square inch (psi) so to not significantly alter groundwater elevation. The injection rod was gradually pulled upward through the target interval, about 15 to 30 feet below grade surface (bgs) in off-site monitoring wells, and about 17 to 27 feet bgs in monitoring well RMW14. Approximately 800 pounds of PetroFix™ were injected over the course of the program.

Following PetroFix™ injections, a calcium chloride flush was applied to RMW14. The calcium chloride flush consisted of injecting 29 gallons of fresh water, followed by 16.6 pounds of calcium chloride with 33 gallons of fresh water, and a final 29 gallons of fresh water into monitoring well RMW14 at pressures similar to that of the PetroFix™ application. ORC Advanced® socks consisting of 31, 1-foot socks laced together, were suspended in RMW14 to be left in place for up to nine months.

Periodic Groundwater Sampling

Eight quarterly post-injection sampling events were completed in accordance with the SMP and a ninth post-injection sampling event was completed at the request of the NYSDEC. Monitoring was conducted at five post-injection permanent monitoring wells (RMW01, RMW03, RMW09, RMW10, and RMW14) that were installed following the initial injection program during implementation of the remedy. Results identified remaining petroleum-related VOC impacts in the northern part of the site, particularly in the vicinity of groundwater monitoring well RWM14, following completion of the ISCO program.

Per the groundwater treatment work plan, performance monitoring will be conducted quarterly at RMW03, RMW09, and RMW14 for at least a year following the February 2025 injection program. Locations of RMW03, RMW09, and RMW14 are shown on Figure 3.

The first post-injection groundwater sampling event was completed on May 29, 2025. Findings from the May 2025 analytical data showed that VOCs were no longer detected above the NYSDEC SGVs in RMW14, however, benzene was detected above the NYSDEC SGV in RMW03 and RMW09.

Well Purging and Sampling

The third post-injection groundwater sampling event was conducted on November 20, 2025. Samples were collected in accordance with the procedures set forth in the United States Environmental Protection (USEPA) low-flow groundwater sampling procedure ("Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", EQASOP-GW 001, January 19, 2010) to allow for collection of a representative sample. Purging was performed using a peristaltic pump fitted with dedicated tubing at all wells. During purging, the turbidity, pH, temperature, conductivity, oxidation-reduction potential (ORP), and DO were monitored using a Horiba U-52 water quality meter with a flow-through cell. Purging was considered complete after three well volumes were purged or after groundwater quality parameters had stabilized for three successive readings within a reasonable time frame. The purged water was containerized into a 55-gallon drum and temporarily stored in a secured area pending proper off-site disposal. An accurate depth to water reading was not taken from monitoring well RMW14 due to ORC Advanced® socks that could not be removed. The ORC Advanced® socks will be removed and replaced during the next sampling event. The daily site observation report is included as Attachment A. The groundwater quality parameters were recorded in the groundwater sampling logs provided as Attachment B.

After purging each well, a groundwater sample was collected directly from the pump discharge line using USEPA low-flow techniques. For quality assurance and quality control (QA/QC), one field blank sample, one trip blank, one duplicate sample, and one matrix spike/matrix spike duplicate (MS/MSD) sample were collected. All samples were analyzed for Part 375/Target Compound List (TCL) VOCs by Pace Analytical Services, LLC (Pace), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Westborough, Massachusetts (ELAP ID No. 11148). Groundwater quality parameters stabilized in RMW03 and RMW09 prior to sampling. Parameters did not stabilize in RMW14 due to low groundwater recharge in the well; a groundwater sample was collected after well purging was paused to allow for recharge, and three well volumes were purged. Groundwater quality parameters could not be collected during recharge periods in RMW14. Prior to sampling, the ORP levels ranged from -223 to 221 millivolts (mV), turbidity ranged from 0.4 to >1,000 NTUs, and dissolved oxygen ranged from 0 to 4.94 milligrams per liter (mg/L). High turbidity observed in monitoring well RMW14 is due to residual activated carbon (i.e., PetroFix™) suspended within the groundwater.

The laboratory analytical results for the baseline sampling events, post-remedial groundwater sampling events, and the May, August, and November 2025 post-injection groundwater sampling events are summarized in Table 1. Laboratory analytical reports are provided as Attachment C. Groundwater analytical results were compared to the NYSDEC SGVs.

November 2025 Performance Monitoring Analytical Results

Analytical results from the November 2025 performance monitoring are summarized as follows:

- RMW03: One VOC, benzene, was detected above its NYSDEC SGV (1 microgram per liter [ug/L]) at a concentration of 3.4 ug/L and 3.7 ug/L in the parent and duplicate groundwater samples, respectively.
- RMW09: One VOC, benzene, was detected above its NYSDEC SGV (1 ug/L) at a concentration of 2.4 ug/L.
- RMW14: VOCs were not detected above the NYSDEC SGVs.

VOC concentrations were not detected above the NYSDEC SGVs in RMW14. One VOC, benzene, was detected above its NYSDEC SGV in RMW03 and RMW09. However, the concentrations of benzene during this sampling event were within the same, or up to two orders of magnitude lower when compared to previous sampling events between 2021 and 2023. Concentrations of benzene decreased by 26% in RMW03, and by 57% in RMW09 when compared to the August 2025 groundwater sampling event.

Data Validation

Copies of the Analytical Services Protocol (ASP) Category B laboratory reports were submitted to Langan's data validation department for review in accordance with the USEPA validation guidelines for organic and inorganic data. The data were found to be 100% acceptable. The Data Usability Summary Report (DUSR) is included in Attachment D.

Closure

One VOC, benzene, was detected above its NYSDEC SGV in groundwater monitoring wells RMW03 and RMW09. However, benzene concentrations observed during the November 2025 groundwater sampling event decreased in both RMW03 and RMW09 when compared to the August 2025 groundwater sampling event. VOCs did not exceed the NYSDEC SGVs in RMW14, indicating that the February 2025 injection event successfully reduced the concentration of petroleum-related compounds. The groundwater monitoring wells will be sampled during the next quarterly sampling event conducted in February 2026. Depending on the findings of the

February 2026 quarterly sampling event, Langan will discuss the need for further quarterly groundwater sampling with NYSDEC.

Should you have any questions, please call the undersigned at 212-479-5479.

Sincerely,

**Langan Engineering, Environmental, Surveying Landscape
Architecture, and Geology, D.P.C.**



Brian Gochenaur
Associate Principal

Enclosures:

Table 1	Groundwater Sample Analytical Results
Figure 1	Site Location Map
Figure 2	Site Layout Plan
Figure 3	Groundwater Sample Analytical Results Map
Attachment A	Daily Site Observation Report
Attachment B	Well Purging and Sampling Logs
Attachment C	Laboratory Analytical Report
Attachment D	Data Usability Summary Report

TABLE

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q3	Q3	Q4	Q4	Q5	Q6	Q6	Q7	Q8	Q8Q	Q9	August 2024	May 2025	May 2025	August 2025	August 2025	November 2025	November 2025	
			Location	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03
			Sample Name	RMW03_110520	RMW03_041521	RMW03_070821	RMW03_101121	SWDUP01_101121	RMW03_011222	DUP01_011222	RMW03_040722	RMW03_071322	DUP01_071322	RMW03_100522	RMW03_011223	DUP01_011223	RMW03_092723	RMW03_080824	RMW03_052925	DUP01_052925	RMW03_082925	GWDP01_082925	RMW03_112025	GWDP01_112025	
			Sample Date	11/05/2020	04/15/2021	07/08/2021	10/11/2021	10/11/2021	01/12/2022	01/12/2022	04/07/2022	07/13/2022	07/13/2022	10/05/2022	01/12/2023	01/12/2023	09/27/2023	08/08/2024	05/29/2025	05/29/2025	08/29/2025	08/29/2025	11/20/2025	11/20/2025	
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result			
Volatile Organic Compounds																									
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 UJ	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U		
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 UJ	<1.5 UJ	<1.5 U	<1.5 U		
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,1-Dichloropropene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U		
1,1-Dichlorobenzene	563-68-6	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	19	2.8	1.3 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U		
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	1.6 J	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 UJ	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U		
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	0.47 J	0.26 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U		
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	0.17 J	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 UJ	<1 UJ	<1 U	<1 U		
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U		
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 UJ	<250 U	<500 UJ	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<500 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 UJ	<250 UJ	<250 U	<250 U		
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 UJ	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U		
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
4-Ethyltoluene	622-96-8	NS	ug/l	2.6	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2.5 U	<2.5 U		
Acetone	67-64-1	50	ug/l	<5 UJ	13	5.5 J	<5 U	<5 U	<5 UJ	<5 U	7.3	<5 U	<5 U	<10 U	<5 U	2 J	<5 UJ	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U		
Acrylonitrile	107-13-1	5	ug/l	<5 UJ	<5 U	<10 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 UJ	<5 U	<5 U	<5 U		
Benzene	71-43-2	1	ug/l	9.4	22	43	24	23	55	61	<0.5 U	<0.5 U	<0.5 U	<0.5 U	30	23	<0.5 U	4.8	8.3	9.5	3.9 J	5 J	3.4	3.7	
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
Bromodichloromethane	75-27-4	50	ug/l	<0.5 UJ	<0.5 U	<1 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.52	0.47 J	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U		
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U		
Bromomethane	74-83-9	5	ug/l	<2.5 UJ	<2.5 U	<5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
Carbon Disulfide	75-15-0	60	ug/l	<5 UJ	1.8 J	<10 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U		
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U		
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
Chloroethane	75-00-3	5	ug/l	<2.5 UJ	<2.5 U	<5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ		
Cis-1,2-Dichloroethene	156-69-2	5	ug/l	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U		
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U		

Table 1
Post Additional Injection Groundwater Sampling - Quarter 3
Groundwater Sample Analytical Results

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487003

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q3	Q4	Q6	Q5	Q6	Q7	Q8	Q9	August 2024	May 2025	August 2025	November 2025	
			Location	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09	RMW09
			Sample Name	RMW09_110520	RMW09_041921	RMW09_070721	RMW09_101221	RMW09_011222	RMW09_040722	DUP01_040722	RMW09_071422	RMW09_100522	RMW09_011323	RMW09_092823	RMW09_080724	RMW09_052925	RMW09_082925	RMW09_112025	
			Sample Date	11/05/2020	04/19/2021	07/07/2021	10/12/2021	01/12/2022	04/07/2022	04/07/2022	07/14/2022	10/05/2022	01/13/2023	09/28/2023	08/07/2024	05/29/2025	08/29/2025	11/20/2025	
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<2.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<7.5 U	<3 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 UJ	<1.5 U	
1,1-Dichloroethane	75-34-3	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,1-Dichloroethene	75-35-4	5	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	
1,1-Dichloropropene	563-58-6	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<12 UJ	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	31	1.9 J	<2 U	0.58 J	28	20	14	19	<2 U	1.8 J	<2 U	<2 U	2	<2 UJ	<2 U	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<12 UJ	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	41	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<12 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<10 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,2-Dichloroethane	107-06-2	0.6	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	
1,2-Dichloropropane	78-87-5	1	ug/l	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	0.81 J	<1 U	<1 U	<1 U	<1 U	<1 U	<1 UJ	<1 U	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	13	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,3-Dichloropropane	142-28-9	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	8.3 J	<4 U	<2 U	<2 U	7.3	6.7	6.6	4.5	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<1,200 UJ	<500 U	<250 UJ	<250 UJ	<250 UJ	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 UJ	<250 U	
2,2-Dichloropropane	594-20-7	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
2-Chlorotoluene	95-49-8	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
2-Hexanone (MBK)	591-78-6	50	ug/l	<25 UJ	<10 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	
4-Chlorotoluene	106-43-4	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
4-Ethyltoluene	622-96-8	NS	ug/l	19	<4 U	<2 U	<2 U	1 J	0.8 J	<2 U	0.71 J	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	
Acetone	67-64-1	50	ug/l	16 J	59	18 J	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	2.1 J	<5 U	<5 U	<5 UJ	<5 U	<5 U	
Acrylonitrile	107-13-1	5	ug/l	<25 UJ	<10 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	
Benzene	71-43-2	1	ug/l	700	0.95 J	0.26 J	1.8	130	170	73	17	<0.5 U	44	3.7	<0.5 U	17	5.6 J	2.4	
Bromobenzene	108-86-1	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
Bromochloromethane	74-97-5	5	ug/l	<12 U	<5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
Bromodichloromethane	75-27-4	50	ug/l	<2.5 UJ	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	
Bromoform	75-25-2	50	ug/l	<10 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 UJ	<2 U	
Bromomethane	74-83-9	5	ug/l	<12 UJ	<5 U	2 J	<2.5 UJ	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
Carbon Disulfide	75-15-0	60	ug/l	<25 UJ	<10 U	<5 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ	<5 U	
Carbon Tetrachloride	56-23-5	5	ug/l	<2.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	
Chlorobenzene	108-90-7	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
Chloroethane	75-00-3	5	ug/l	<12 UJ	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 U	
Chloroform	67-66-3	7	ug/l	<12 U	<5 U	<2.5 U	0.73 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	
Chloromethane	74-87-3	5	ug/l	<12 U	<5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<		

Table 1
Post Additional Injection Groundwater Sampling - Quarter 3
Groundwater Sample Analytical Results

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487003

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	Baseline	Q1	Q2	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	August 2024	May 2025	August 2025	November 2025	
			Location	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14	RMW14
			Sample Name	RMW14_110520	RMW14_041921	RMW14_070721	DUP01_070721	RMW14_101221	RMW14_011222	RMW14_040822	RMW14_071422	RMW14_100522	RMW14_011323	RMW14_092823	RMW14_080724	RMW14_052925	RMW14_082925	RMW14_112025	
			Sample Date	11/05/2020	04/19/2021	07/07/2021	07/07/2021	10/12/2021	01/12/2022	04/08/2022	07/14/2022	10/05/2022	01/13/2023	09/28/2023	08/07/2024	05/29/2025	08/29/2025	11/20/2025	
Unit				Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,1,1-Trichloroethane	71-55-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<1 UJ	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	<0.5 UJ	
1,1,2-Trichloroethane	79-00-5	1	ug/l	<3 U	<3 U	<1.5 U	<1.5 U	<7.5 U	<1.5 U	<1.5 U	<1.5 U	<3 U	<1.5 U	<1.5 U	<3 U	<3 U	<15 UJ	<1.5 UJ	
1,1-Dichloroethane	75-34-3	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,1-Dichloroethene	75-35-4	5	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	<0.5 UJ	
1,1-Dichloropropene	563-58-6	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<5 UJ	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	120	79	70	72	29	40	22	38	46	52	36	20	<4 U	<20 UJ	<2 UJ	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 UJ	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	66	2.5 J	16	12	7.3 J	16	45	79	24	23	13	6.5	<5 U	<25 UJ	<2.5 UJ	
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<5 UJ	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<4 U	<4 U	<2 U	<2 U	<10 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<4 U	<4 U	<20 UJ	<2 UJ	
1,2-Dichlorobenzene	95-50-1	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,2-Dichloroethane	107-06-2	0.6	ug/l	1	<1 U	0.97	1.1	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	<0.5 UJ	
1,2-Dichloropropane	78-87-5	1	ug/l	<2 U	<2 U	<1 U	<1 U	<5 U	<1 U	<1 U	<1 U	1.9 J	<1 U	<1 U	<2 U	<2 U	<10 UJ	<1 UJ	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	250	220	74	87	12	30	7.8	9.2	4.1 J	5.1	2.8	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,3-Dichlorobenzene	541-73-1	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,3-Dichloropropane	142-28-9	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,4-Dichlorobenzene	106-46-7	3	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
1,4-Diethyl Benzene	105-05-5	NS	ug/l	20	64	14	15	5.8 J	8.2	5.4	11	13	13	8.8	8.2	<4 U	<20 UJ	<2 UJ	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<500 UJ	<500 U	<250 UJ	<250 UJ	<1,200 UJ	<250 U	<250 U	<250 U	<500 U	<250 U	<250 U	<500 U	<500 U	<2,500 UJ	<250 UJ	
2,2-Dichloropropane	594-20-7	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
2-Chlorotoluene	95-49-8	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
2-Hexanone (MBK)	591-78-6	50	ug/l	<10 UJ	4.9 J	<5 UJ	<5 UJ	<25 U	<5 U	<5 U	5.8	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ	<5 UJ	
4-Chlorotoluene	106-43-4	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
4-Ethyltoluene	622-96-8	NS	ug/l	46	32	29	29	23	17	14	39	12	9.7	4.2	6.5	<4 U	<20 UJ	<2 UJ	
Acetone	67-64-1	50	ug/l	4.9 J	26	200 J	<5 UJ	<25 UJ	<5 UJ	39	28	<10 U	<5 U	<5 U	<10 U	4.1 J	<50 UJ	4.8 J	
Acrylonitrile	107-13-1	5	ug/l	<10 UJ	<10 U	<5 UJ	<5 UJ	<25 UJ	<5 U	<5 U	<5 UJ	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ	<5 UJ	
Benzene	71-43-2	1	ug/l	7	7.1	6.5	7.4	4.2	0.72	1.3	1.1	1	0.83	0.31 J	<1 U	<1 U	<5 UJ	<0.5 UJ	
Bromobenzene	108-86-1	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
Bromochloromethane	74-97-5	5	ug/l	<5 U	<5 U	<2.5 UJ	<2.5 UJ	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
Bromodichloromethane	75-27-4	50	ug/l	<1 UJ	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	<0.5 UJ	
Bromoform	75-25-2	50	ug/l	<4 U	<4 U	<2 U	<2 U	<10 U	<2 U	<2 U	<2 U	<4 U	<2 U	<2 U	<4 U	<4 U	<20 UJ	<2 UJ	
Bromomethane	74-83-9	5	ug/l	<5 UJ	<5 U	<2.5 U	<2.5 U	<12 UJ	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 UJ	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
Carbon Disulfide	75-15-0	60	ug/l	<10 UJ	<10 U	<5 UJ	<5 UJ	<25 U	<5 U	<5 U	<5 U	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ	<5 UJ	
Carbon Tetrachloride	56-23-5	5	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	0.77 J	
Chlorobenzene	108-90-7	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
Chloroethane	75-00-3	5	ug/l	<5 UJ	8.6	4.8	4.8	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
Chloroform	67-66-3	7	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	0.77 J	
Chloromethane	74-87-3	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 UJ	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	3.5 J	<25 UJ	<2.5 UJ	
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 U	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ	<2.5 UJ	
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<1 U	<1 U	<0.5 U	<0.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<1 U	<1 U	<5 UJ	<0.5 UJ	
Cymene	99-87-6	5	ug/l	8.3	8.														

Table 1
Post Additional Injection Groundwater Sampling - Quarter 3
Groundwater Sample Analytical Results

Page 4 of 4

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487003

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

B - The analyte was found in the associated analysis batch blank.

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

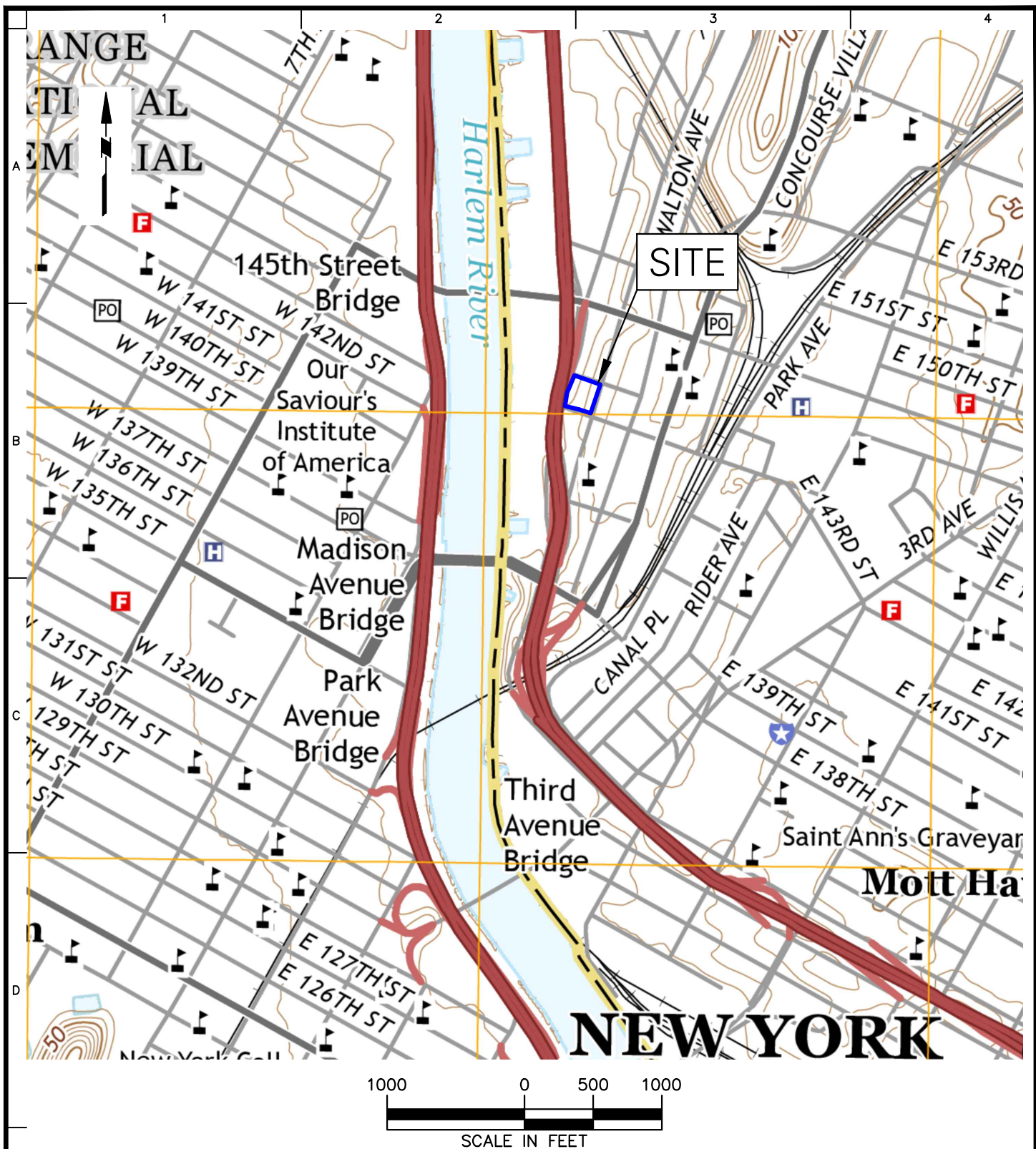
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

FIGURES



— SITE BOUNDARY

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE MAP, DATED 2016

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Project

GERARD AVENUE AND EAST 146TH STREET

BLOCK No. 2351, LOT Nos. 1, 3, 12, & 20

BRONX

NEW YORK

Figure Title

SITE LOCATION MAP

Project No.

170487003

Date

08/27/2021

Drawn By

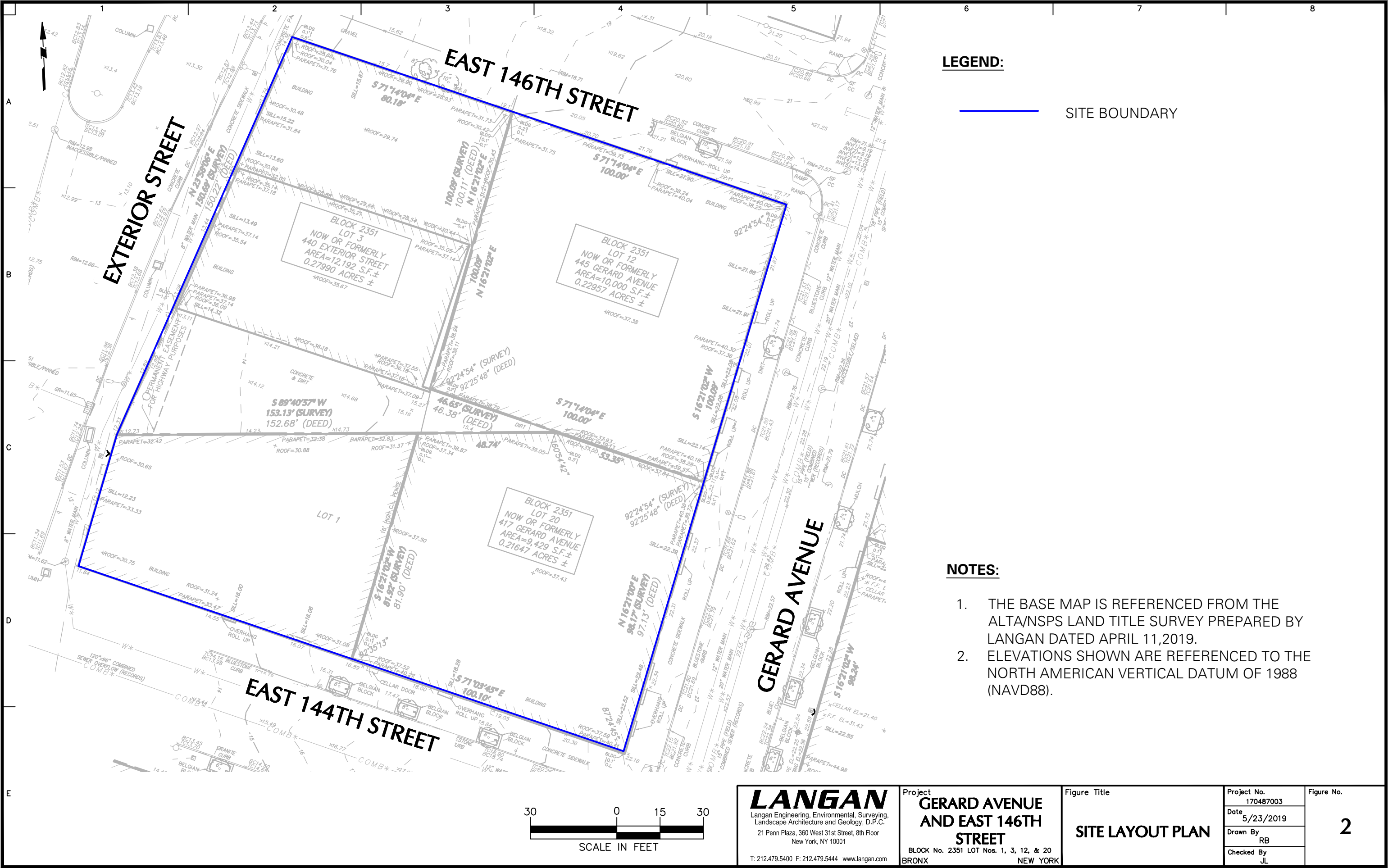
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Checked By

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Figure No.

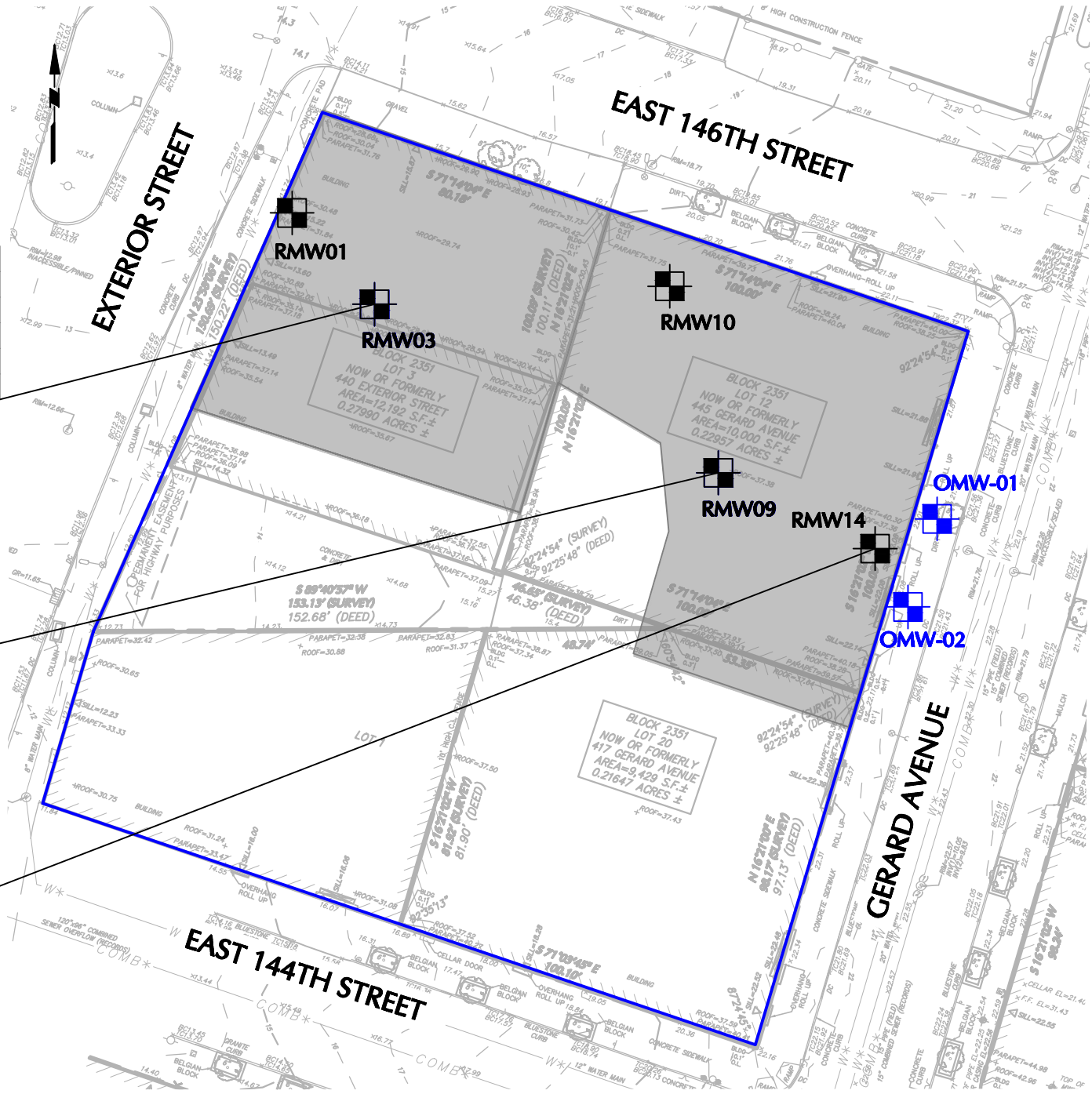
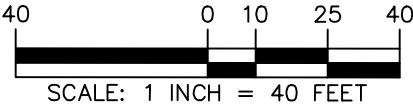
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Sampling Event	November 2025	November 2025
Location	RMW03	RMW03
Sample Name	RMW03_112025	GWDUP01_112025
Sample Date	11/20/2025	11/20/2025
VOCs		
Benzene	3.4	3.7

Sampling Event	November 2025
Location	RMW09
Sample Name	RMW09_112025
Sample Date	11/20/2025
VOCs	
Benzene	2.4

Sampling Event	November 2025
Location	RMW14
Sample Name	RMW14_112025
Sample Date	11/20/2025
VOCs	
Benzene	<0.5 UJ



LEGEND:

- SITE BOUNDARY
- OMW-01 OFF-SITE MONITORING WELL LOCATION
- RMW01 POST-REMEDIATION GROUNDWATER MONITORING WELL LOCATION
- APPROXIMATE EXTENT OF PETROLEUM-IMPACTED AREA

- NOTES:**
- THE BASE MAP IS REFERENCED FROM THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY LANGAN DATED APRIL 11, 2019.
 - GROUNDWATER MONITORING WELL LOCATIONS ARE APPROXIMATE.
 - OFF-SITE MONITORING WELLS OMW-01 AND OMW-02 AND ON-SITE MONITORING WELLS RMW01 AND RMW10 WERE NOT SAMPLED DURING THIS EVENT.
 - ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS) AND GUIDANCE VALUES FOR DRINKING WATER (CLASS GA)(COLLECTIVELY REFERRED TO AS THE STANDARDS AND GUIDANCE VALUES (SGVs)).
 - RESULTS EXCEEDING THE SGVs ARE SHADED AND BOLDED.
 - RESULTS ARE REPORTED IN MICROGRAMS PER LITER (µg/L).
 - PER THE DECEMBER 2, 2024 GROUNDWATER TREATMENT WORK PLAN, PERFORMANCE MONITORING WAS ONLY CONDUCTED AT RMW03, RMW09, AND RMW14.
 - UJ = THE ANALYTE WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE REPORTING LIMIT (RL); HOWEVER, THE RL IS APPROXIMATE AND MAY BE INACCURATE OR IMPRECISE.
 - J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

Analyte	NYSDEC SGVs
VOCs	
Benzene	1

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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Project
**GERARD AVENUE
AND EAST 146TH
STREET**
BLOCK No. 2351 LOT Nos. 1, 3, 12, & 20
BRONX NEW YORK

Figure Title
**GROUNDWATER
SAMPLE ANALYTICAL
RESULTS MAP**

Project No.
170487003
Date
1/12/2026
Drawn By
CD
Checked By
LE

Figure No.
3

ATTACHMENT A

DAILY SITE OBSERVATION REPORT

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Thursday, November 20, 2025
PROJECT: 445 Gerard Avenue		WEATHER: Overcast, 55-60 °F Wind: NE @ 0– 1 mph
LOCATION: Brooklyn, New York		TIME: 7:00am – 2:00 pm
BCP Site Number: C203111		MONITOR: Shawn Martin
EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	PRESENT AT SITE: Langan: Shawn Martin	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan. Site Activities - Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.0 parts per million (ppm) and 0.3 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed in water purged from well RMW03 and RMW09. Visual signs of impacts were not observed. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future disposal. Material Tracking - No material was exported from the site. - No material was imported to the site. Sampling - Langan collected three groundwater samples, RMW03_112025, RMW09_112025, and RMW14_112025 plus quality assurance/quality control (QA/QC) samples, to be analyzed for Part 375/Target Compound List (TCL) volatile organic compounds (VOCs). Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols. CAMP Activities - Community air monitoring was not implemented as ground intrusive work was not being performed. Anticipated Activities Langan will continue to conduct quarterly sampling per the Groundwater Treatment Work Plan in February 2026.		
Cc: L. Esmail, C. Devin (Langan)	By: Shawn Martin	LANGAN

Site Photographs



Photo 1: View of groundwater sampling at monitoring well RMW09.

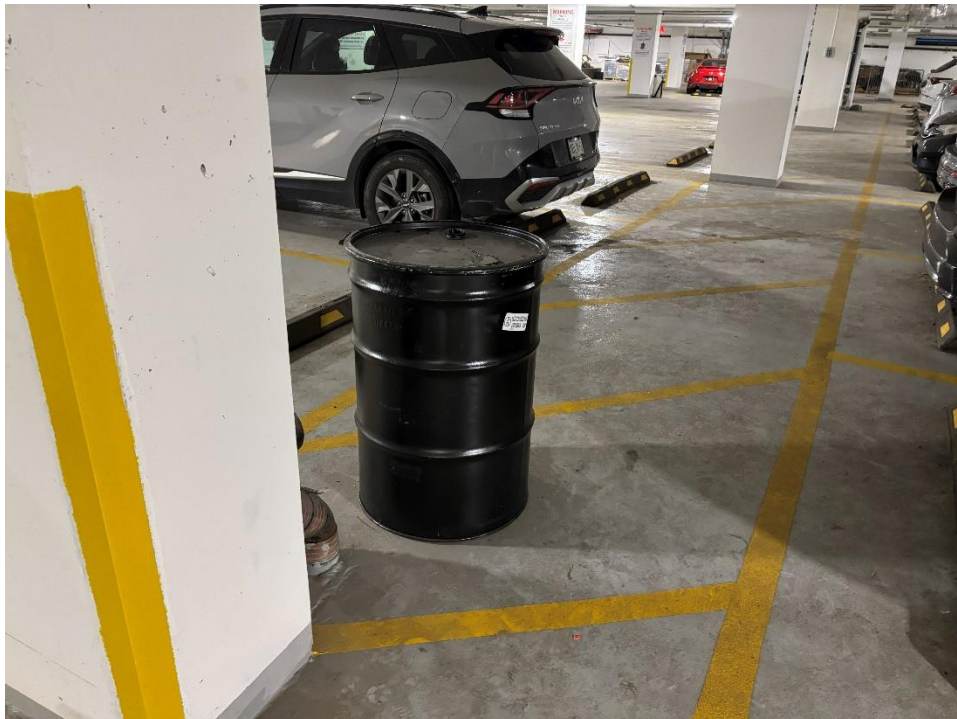


Photo 2: View of purged groundwater stored in labeled 55-gallon drum.

Cc: L. Esmail, C. Devin (Langan)

By: Shawn Martin

LANGAN

Figure 1: Site Map



Legend:

- Site Boundary
- Purged and sampled monitoring well
- Location of 55-gallon drum

Cc: L. Esmail, C. Devin (Langan)

By: Shawn Martin

LANGAN

ATTACHMENT B

WELL PURGING AND SAMPLING LOGS

Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW03	Water Quality Device Model:		Horiba U-52	Weather:		Overcast, 55-60	Sample(s):	RMW03_112025
Project Number:	1704987001	Well Depth:	15.73	Pine Number:		CGFX	Background PID (ppm):		0.00		GWDUP01_112025
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:		Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):		0.00		
Sampling Personnel:	Shawn Martin	Well Screen	2.00	Pine Number:		GEO2757	Pump Intake Depth:		15.00	Sample Date:	11/20/2025
		Interval:	12.00	Tubing Diameter:		1/4" HDPE	Depth to Water Before Purge:		10.28	Sample Time:	08:55
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm)	Cumulative Discharge Volume (Gal)	NOTES	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)				<0.13 gpm)		color, odor etc.	
BEGIN PURGING											
0:05	17.10	7.45	-124	4.920	2.3	1.30	10.28	0.1	0.1	Petroleum-like odor,no sheen	N/A
0:10	17.79	7.60	-171	4.540	1.8	1.53	10.30	0.1	0.25		N/A
0:15	17.85	7.63	-181	4.400	2.5	1.54	10.30	0.1	0.5		N
0:20	17.88	7.68	-200	4.400	1.5	1.66	10.31	0.1	0.75		N
0:25	17.91	7.70	-208	4.440	1.4	1.66	10.31	0.1	1		N
0:30	17.90	7.72	-205	4.440	1.8	1.60	10.32	0.2	1.25		Y

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Project Information		Well Information		Equipment Information		Sampling Conditions				Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW09	Water Quality Device Model:	Horiba U-52	Weather:	Overcast, 60-65				RMW09_112025
Project Number:	1704987001	Well Depth:	17.00	Pine Number:	CGFX	Background PID (ppm):	0.10				
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:	Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):	0.10				
Sampling Personnel:	Shawn Martin	Well Screen Interval:	16.00	Pine Number:	GEO2757	Pump Intake Depth:	20.00				11/20/25
			26.00	Tubing Diameter:	1/4" HDPE	Depth to Water Before Purge:	10.47				10:05
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)							
BEGIN PURGING											
0:05	18.87	7.19	-169	4.130	9.4	1.53	10.47	0.1	0.1	Petroleum-like odor, no sheen	N/A
0:10	18.95	7.08	-170	3.960	8.6	1.41	10.47	0.1	0.25		N/A
0:15	18.83	7.04	-167	3.860	8.4	1.39	10.48	0.15	0.5		N
0:20	18.83	7.00	-164	3.710	9.2	1.27	10.50	0.15	0.75		N
0:25	18.86	7.00	-164	3.640	10.2	1.22	10.52	0.15	1		N
0:30	18.85	6.99	-162	3.590	8.6	1.18	10.53	0.15	1.25		N
0:35	18.87	6.95	-161	3.510	6.5	1.06	10.55	0.15	1.5		N
0:40	18.83	6.94	-160	3.470	4.6	1.07	10.57	0.15	1.75		N
0:45	18.81	6.92	-159	3.410	4.0	1.04	10.58	0.15	2		N
0:50	18.82	6.92	-159	3.400	4.0	0.99	10.59	0.15	2.25		Y
Notes: 1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point. 2. Well and tubing diameters are measured in inches. 3. PID = Photoionization Detector 4. PPM = Parts per million 5. pH = Hydrogen ion concentration 6. ORP = Oxidation-reduction potential, measured in millivolts (mV) 7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L) 8. DTW = Depth to water 9. mS/cm = milli-Siemens per centimeter 10. NTU = Nephelometric Turbidity Unit											
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Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW14	Water Quality Device Model:		Horiba U-52	Weather:		Overcast, 60-65	Sample(s):	RMW14_112025
Project Number:	1704987001	Well Depth:	14.98	Pine Number:		CGFX	Background PID (ppm):		0.00		
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:		Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):		0.00		
Sampling Personnel:	Shawn Martin	Well Screen Interval:	4.00	Pine Number:		GEO2757	Pump Intake Depth:		10.00	Sample Date:	11/20/2025
			14.00	Tubing Diameter:		1/4" HDPE	Depth to Water Before Purge:		-	Sample Time:	13:25
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm)	Cumulative Discharge Volume (Gal)	NOTES	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)				<0.13 gpm		color, odor etc.	
BEGIN PURGING											
11:40	18.28	12.45	-136	5.811	547.0	8.15	-	0.1	0.1	Groundwater treatment chemical present in purged groundwater	N/A
12:15	18.14	12.12	-120	5.750	489.0	7.94	-	0.1	0.15		N/A
12:50	17.98	11.71	-112	5.341	510.0	7.33	-	0.1	0.2		N

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

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ATTACHMENT C

LABORATORY ANALYTICAL REPORTS



ANALYTICAL REPORT

Lab Number:	L2574356
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Lamees Esmail
Phone:	(212) 479-5717
Project Name:	445 GERARD AVENUE
Project Number:	170487001
Report Date:	12/03/25

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

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

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



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2574356-01	RMW03_112025	WATER	445 GERARD AVENUE, BRONX, NY	11/20/25 08:55	11/20/25
L2574356-02	RMW09_112025	WATER	445 GERARD AVENUE, BRONX, NY	11/20/25 10:05	11/20/25
L2574356-03	RMW14_112025	WATER	445 GERARD AVENUE, BRONX, NY	11/20/25 13:25	11/20/25
L2574356-04	GWDUP01_112025	WATER	445 GERARD AVENUE, BRONX, NY	11/20/25 00:00	11/20/25
L2574356-05	FB01_112025	WATER	445 GERARD AVENUE, BRONX, NY	11/20/25 13:50	11/20/25
L2574356-06	TB01_112025	WATER	445 GERARD AVENUE, BRONX, NY	11/20/25 00:00	11/20/25

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

Case Narrative

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

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

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

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

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

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

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2574356-03: The sample was received in the proper acid-preserved containers. Upon analysis the pH was determined to be greater than 2 and the method required holding time was exceeded.

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

Authorized Signature:



Caitlin Walukevich

Title: Technical Director/Representative

Date: 12/03/25

ORGANICS

VOLATILES

Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS**

Lab ID: L2574356-01

Date Collected: 11/20/25 08:55

Client ID: RMW03_112025

Date Received: 11/20/25

Sample Location: 445 GERARD AVENUE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 12/01/25 15:29

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	3.4		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-01**Date Collected:** 11/20/25 08:55**Client ID:** RMW03_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.71	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-01**Date Collected:** 11/20/25 08:55**Client ID:** RMW03_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	101		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS**

Lab ID: L2574356-02

Date Collected: 11/20/25 10:05

Client ID: RMW09_112025

Date Received: 11/20/25

Sample Location: 445 GERARD AVENUE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 12/01/25 15:54

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	2.4		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-02**Date Collected:** 11/20/25 10:05**Client ID:** RMW09_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.82	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.6	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-02**Date Collected:** 11/20/25 10:05**Client ID:** RMW09_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	98		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-03**Date Collected:** 11/20/25 13:25**Client ID:** RMW14_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 12/01/25 16:20**Analyst:** MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.77	J	ug/l	2.5	0.70	1
Carbon tetrachloride	0.77		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-03**Date Collected:** 11/20/25 13:25**Client ID:** RMW14_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-03**Date Collected:** 11/20/25 13:25**Client ID:** RMW14_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	107		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-04**Date Collected:** 11/20/25 00:00**Client ID:** GWDUP01_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 12/01/25 16:45**Analyst:** MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	3.7		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS**

Lab ID: L2574356-04

Date Collected: 11/20/25 00:00

Client ID: GWDUP01_112025

Date Received: 11/20/25

Sample Location: 445 GERARD AVENUE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.80	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-04**Date Collected:** 11/20/25 00:00**Client ID:** GWDUP01_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	103		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS**

Lab ID: L2574356-05

Date Collected: 11/20/25 13:50

Client ID: FB01_112025

Date Received: 11/20/25

Sample Location: 445 GERARD AVENUE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 12/01/25 17:11

Analyst: MJV

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-05**Date Collected:** 11/20/25 13:50**Client ID:** FB01_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-05**Date Collected:** 11/20/25 13:50**Client ID:** FB01_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS**

Lab ID: L2574356-06

Date Collected: 11/20/25 00:00

Client ID: TB01_112025

Date Received: 11/20/25

Sample Location: 445 GERARD AVENUE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 12/01/25 17:36

Analyst: MJV

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-06**Date Collected:** 11/20/25 00:00**Client ID:** TB01_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2574356**Project Number:** 170487001**Report Date:** 12/03/25**SAMPLE RESULTS****Lab ID:** L2574356-06**Date Collected:** 11/20/25 00:00**Client ID:** TB01_112025**Date Received:** 11/20/25**Sample Location:** 445 GERARD AVENUE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	109		70-130

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/01/25 09:33
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2148619-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/01/25 09:33
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2148619-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/01/25 09:33
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2148619-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/01/25 09:33
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2148619-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2148619-3 WG2148619-4								
Methylene chloride	92		100		70-130	8		20
1,1-Dichloroethane	86		79		70-130	8		20
Chloroform	93		87		70-130	7		20
Carbon tetrachloride	100		96		63-132	4		20
1,2-Dichloropropane	84		80		70-130	5		20
Dibromochloromethane	100		99		63-130	1		20
1,1,2-Trichloroethane	96		92		70-130	4		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	98		93		75-130	5		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	90		85		70-130	6		20
1,1,1-Trichloroethane	100		95		67-130	5		20
Bromodichloromethane	94		88		67-130	7		20
trans-1,3-Dichloropropene	92		86		70-130	7		20
cis-1,3-Dichloropropene	91		86		70-130	6		20
1,1-Dichloropropene	96		91		70-130	5		20
Bromoform	110		100		54-136	10		20
1,1,2,2-Tetrachloroethane	94		88		67-130	7		20
Benzene	94		88		70-130	7		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2148619-3 WG2148619-4								
Toluene	94		90		70-130	4		20
Ethylbenzene	96		90		70-130	6		20
Chloromethane	57	Q	53	Q	64-130	7		20
Bromomethane	93		88		39-139	6		20
Vinyl chloride	81		76		55-140	6		20
Chloroethane	99		97		55-138	2		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	100		94		70-130	6		20
Trichloroethene	95		89		70-130	7		20
1,2-Dichlorobenzene	100		96		70-130	4		20
1,3-Dichlorobenzene	100		96		70-130	4		20
1,4-Dichlorobenzene	99		93		70-130	6		20
Methyl tert butyl ether	100		94		63-130	6		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	96		93		70-130	3		20
Dibromomethane	100		94		70-130	6		20
1,2,3-Trichloropropane	90		84		64-130	7		20
Acrylonitrile	82		76		70-130	8		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2148619-3 WG2148619-4								
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	82		79		36-147	4		20
Acetone	75		89		58-148	17		20
Carbon disulfide	98		110		51-130	12		20
2-Butanone	69		71		63-138	3		20
Vinyl acetate	76		68	Q	70-130	11		20
4-Methyl-2-pentanone	82		76		59-130	8		20
2-Hexanone	73		68		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	100		96		63-133	4		20
1,2-Dibromoethane	100		99		70-130	1		20
1,3-Dichloropropane	94		88		70-130	7		20
1,1,1,2-Tetrachloroethane	100		98		64-130	2		20
Bromobenzene	100		97		70-130	3		20
n-Butylbenzene	91		86		53-136	6		20
sec-Butylbenzene	96		90		70-130	6		20
tert-Butylbenzene	98		93		70-130	5		20
o-Chlorotoluene	91		86		70-130	6		20
p-Chlorotoluene	90		84		70-130	7		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2148619-3 WG2148619-4								
1,2-Dibromo-3-chloropropane	110		110		41-144	0		20
Hexachlorobutadiene	120		110		63-130	9		20
Isopropylbenzene	93		88		70-130	6		20
p-Isopropyltoluene	91		85		70-130	7		20
Naphthalene	110		100		70-130	10		20
n-Propylbenzene	89		84		69-130	6		20
1,2,3-Trichlorobenzene	120		110		70-130	9		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	96		90		64-130	6		20
1,2,4-Trimethylbenzene	95		90		70-130	5		20
1,4-Dioxane	104		90		56-162	14		20
p-Diethylbenzene	94		86		70-130	9		20
p-Ethyltoluene	96		91		70-130	5		20
1,2,4,5-Tetramethylbenzene	96		89		70-130	8		20
Ethyl ether	110		94		59-134	16		20
trans-1,4-Dichloro-2-butene	87		82		70-130	6		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Lab Number: L2574356

Project Number: 170487001

Report Date: 12/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2148619-3 WG2148619-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		93		70-130
Toluene-d8	94		96		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	97		99		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2148619-6 WG2148619-7 QC Sample: L2574356-02 Client ID: RMW09_112025												
Methylene chloride	ND	10	8.8	88		12	120		70-130	31	Q	20
1,1-Dichloroethane	ND	10	8.3	83		12	120		70-130	36	Q	20
Chloroform	ND	10	9.2	92		9.2	92		70-130	0		20
Carbon tetrachloride	ND	10	11	110		12	120		63-132	9		20
1,2-Dichloropropane	ND	10	7.9	79		8.5	85		70-130	7		20
Dibromochloromethane	ND	10	10	100		10	100		63-130	0		20
1,1,2-Trichloroethane	ND	10	8.8	88		9.1	91		70-130	3		20
Tetrachloroethene	ND	10	12	120		12	120		70-130	0		20
Chlorobenzene	ND	10	9.6	96		9.8	98		75-130	2		20
Trichlorofluoromethane	ND	10	13	130		12	120		62-150	8		20
1,2-Dichloroethane	ND	10	9.7	97		9.5	95		70-130	2		20
1,1,1-Trichloroethane	ND	10	11	110		11	110		67-130	0		20
Bromodichloromethane	ND	10	9.6	96		9.7	97		67-130	1		20
trans-1,3-Dichloropropene	ND	10	8.6	86		9.0	90		70-130	5		20
cis-1,3-Dichloropropene	ND	10	8.3	83		8.6	86		70-130	4		20
1,1-Dichloropropene	ND	10	9.9	99		10	100		70-130	1		20
Bromoform	ND	10	10	100		11	110		54-136	10		20
1,1,2,2-Tetrachloroethane	ND	10	8.5	85		8.4	84		67-130	1		20
Benzene	2.4	10	12	96		11	86		70-130	9		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2148619-6 WG2148619-7 QC Sample: L2574356-02 Client ID: RMW09_112025												
Toluene	ND	10	9.1	91		9.5	95		70-130	4		20
Ethylbenzene	ND	10	9.3	93		9.6	96		70-130	3		20
Chloromethane	ND	10	5.2	52	Q	5.7	57	Q	64-130	9		20
Bromomethane	ND	10	5.1	51		7.8	78		39-139	42	Q	20
Vinyl chloride	ND	10	7.8	78		8.0	80		55-140	3		20
Chloroethane	ND	10	11	110		10	100		55-138	10		20
1,1-Dichloroethene	ND	10	11	110		14	140		61-145	24	Q	20
trans-1,2-Dichloroethene	ND	10	9.6	96		13	130		70-130	30	Q	20
Trichloroethene	ND	10	9.9	99		10	100		70-130	1		20
1,2-Dichlorobenzene	ND	10	9.7	97		10	100		70-130	3		20
1,3-Dichlorobenzene	ND	10	9.6	96		9.9	99		70-130	3		20
1,4-Dichlorobenzene	ND	10	9.3	93		9.4	94		70-130	1		20
Methyl tert butyl ether	ND	10	9.6	96		13	130		63-130	30	Q	20
p/m-Xylene	ND	20	20	100		21	105		70-130	5		20
o-Xylene	ND	20	20	100		20	100		70-130	0		20
cis-1,2-Dichloroethene	ND	10	9.6	96		12	120		70-130	22	Q	20
Dibromomethane	ND	10	9.8	98		10	100		70-130	2		20
1,2,3-Trichloropropane	ND	10	8.2	82		8.5	85		64-130	4		20
Acrylonitrile	ND	10	10	100		14	140	Q	70-130	33	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2148619-6 WG2148619-7 QC Sample: L2574356-02 Client ID: RMW09_112025												
Styrene	ND	20	20	100		20	100		70-130	0		20
Dichlorodifluoromethane	ND	10	8.3	83		8.9	89		36-147	7		20
Acetone	ND	10	7.3	73		12	120		58-148	49	Q	20
Carbon disulfide	ND	10	9.3	93		13	130		51-130	33	Q	20
2-Butanone	ND	10	7.6	76		7.0	70		63-138	8		20
Vinyl acetate	ND	10	7.4	74		12	120		70-130	47	Q	20
4-Methyl-2-pentanone	ND	10	8.4	84		8.7	87		59-130	4		20
2-Hexanone	ND	10	6.8	68		7.4	74		57-130	8		20
Bromochloromethane	ND	10	11	110		13	130		70-130	17		20
2,2-Dichloropropane	ND	10	10	100		12	120		63-133	18		20
1,2-Dibromoethane	ND	10	10	100		10	100		70-130	0		20
1,3-Dichloropropane	ND	10	8.7	87		9.0	90		70-130	3		20
1,1,1,2-Tetrachloroethane	ND	10	10	100		11	110		64-130	10		20
Bromobenzene	ND	10	9.7	97		10	100		70-130	3		20
n-Butylbenzene	ND	10	8.4	84		8.6	86		53-136	2		20
sec-Butylbenzene	ND	10	9.4	94		9.7	97		70-130	3		20
tert-Butylbenzene	0.82J	10	10	100		10	100		70-130	0		20
o-Chlorotoluene	ND	10	8.5	85		8.6	86		70-130	1		20
p-Chlorotoluene	ND	10	8.3	83		8.5	85		70-130	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2574356

Report Date: 12/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2148619-6 WG2148619-7 QC Sample: L2574356-02 Client ID: RMW09_112025												
1,2-Dibromo-3-chloropropane	ND	10	11	110		11	110		41-144	0		20
Hexachlorobutadiene	ND	10	12	120		12	120		63-130	0		20
Isopropylbenzene	1.6J	10	11	110		10	100		70-130	10		20
p-Isopropyltoluene	ND	10	8.6	86		9.0	90		70-130	5		20
Naphthalene	ND	10	11	110		11	110		70-130	0		20
n-Propylbenzene	ND	10	8.6	86		8.7	87		69-130	1		20
1,2,3-Trichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,2,4-Trichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,3,5-Trimethylbenzene	ND	10	8.9	89		9.3	93		64-130	4		20
1,2,4-Trimethylbenzene	ND	10	9.1	91		9.3	93		70-130	2		20
1,4-Dioxane	ND	500	390	78		500	100		56-162	25	Q	20
p-Diethylbenzene	ND	10	8.8	88		9.1	91		70-130	3		20
p-Ethyltoluene	ND	10	9.0	90		9.3	93		70-130	3		20
1,2,4,5-Tetramethylbenzene	ND	10	10	100		10	100		70-130	0		20
Ethyl ether	ND	10	9.3	93		13	130		59-134	33	Q	20
trans-1,4-Dichloro-2-butene	ND	10	7.7	77		7.8	78		70-130	1		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		99		70-130

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2148619-6 WG2148619-7 QC Sample: L2574356-02
Client ID: RMW09_112025

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
4-Bromofluorobenzene	90		91		70-130
Dibromofluoromethane	100		102		70-130
Toluene-d8	93		95		70-130

Project Name: 445 GERARD AVENUE
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Lab Number: L2574356
Report Date: 12/03/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2574356-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-02C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2574356-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

Project Name: 445 GERARD AVENUE
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: 445 GERARD AVENUE
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GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
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Data Qualifiers

estimated.

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

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2574356
Report Date: 12/03/25

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **28**Published Date: **07/25/2025**Page **1** of **2****Certification Information**

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

MADEP-APH.**Nonpotable Water:** **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

Nonpotable Water: **EPA RSK-175 Dissolved Gases**

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT.****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1:** Hg. **EPA 245.7:** Hg.**SM2340B**

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

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

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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





Sample Delivery Group Summary

Pace Job Number : L2574356

Received : 20-NOV-2025

Reviewer : Mohammed Wahed

Account Name : Langan Engineering & Environmental

Project Number : 170487001

Project Name : 445 GERARD AVENUE

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.4	

Condition Information

- | | |
|--|-----|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|----|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|----|

ATTACHMENT D

DATA USABILITY SUMMARY REPORT

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Caroline Devin, Langan Senior Staff Engineer

From: Joe Conboy, Langan Project Chemist

Date: December 22, 2025

Re: Data Usability Summary Report
For 445 Gerard Ave
November 2025 Groundwater Samples
Langan Project No.: 170487003

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of groundwater samples collected in November 2025 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C at the 445 Gerard Ave site. The samples were analyzed by Pace Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by SW-846 Method 8260D

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit

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ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. All sample delivery groups underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- R** – The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- J** – The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** – The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- U** – The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as “R” are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

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MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2574356

The LCS/LCSD for batch WG2148619 exhibited a percent recovery below the LCL for chloromethane (57%, 53%). The associated results in samples RMW03_112025, RMW09_112025, RMW14_112025, and GWDUP01_112025 are qualified as UJ because of potential low bias.

The LCSD for batch WG2148619 exhibited a percent recovery below the LCL for vinyl acetate (68%). The associated results in samples RMW03_112025, RMW09_112025, RMW14_112025, and GWDUP01_112025 are qualified as UJ because of potential low bias.

The sample RMW14_112025 exhibited an exceedance of the recommended holding time for VOCs due to low initial pH (4 days). The associated results are qualified as J or UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2574356

The MS/MSD performed on sample RMW09_112025 exhibited RPDs and recoveries outside of the control limits for several analytes (Recoveries = 52 - 140%, RPDs = 49 - 22%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

FIELD DUPLICATE:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm 1X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pair was compared to and met precision criteria:

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- GWDUP01_082925 and RMW03_082925

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Project Chemist

Data Usability Summary Report
For 445 Gerard Ave
November 2025 Groundwater Samples
Table 1: Sample Summary

SDG	Lab Sample ID	Client Sample ID	Sample Date	Validation Level	Analytical Parameters
L2574356	L2574356-01	RMW03_112025	11/20/2025	Tier 1	VOCs
L2574356	L2574356-02	RMW09_112025	11/20/2025	Tier 1	VOCs
L2574356	L2574356-03	RMW14_112025	11/20/2025	Tier 1	VOCs
L2574356	L2574356-04	GWDUP01_112025	11/20/2025	Tier 1	VOCs
L2574356	L2574356-05	FB01_112025	11/20/2025	Tier 1	VOCs
L2574356	L2574356-06	TB01_112025	11/20/2025	Tier 1	VOCs

Data Usability Summary Report
For 445 Gerard Ave
November 2025 Groundwater Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	Total (T) / Dissolved (D)	CAS #	Analyte	Validator Qualifier
L2574356	RMW03_112025	SW8260D	NA	74-87-3	Chloromethane	UJ
L2574356	RMW03_112025	SW8260D	NA	108-05-4	Vinyl Acetate	UJ
L2574356	RMW09_112025	SW8260D	NA	74-87-3	Chloromethane	UJ
L2574356	RMW09_112025	SW8260D	NA	108-05-4	Vinyl Acetate	UJ
L2574356	RMW14_112025	SW8260D	NA	630-20-6	1,1,1,2-Tetrachloroethane	UJ
L2574356	RMW14_112025	SW8260D	NA	71-55-6	1,1,1-Trichloroethane	UJ
L2574356	RMW14_112025	SW8260D	NA	79-34-5	1,1,2,2-Tetrachloroethane	UJ
L2574356	RMW14_112025	SW8260D	NA	79-00-5	1,1,2-Trichloroethane	UJ
L2574356	RMW14_112025	SW8260D	NA	75-34-3	1,1-Dichloroethane	UJ
L2574356	RMW14_112025	SW8260D	NA	75-35-4	1,1-Dichloroethene	UJ
L2574356	RMW14_112025	SW8260D	NA	563-58-6	1,1-Dichloropropene	UJ
L2574356	RMW14_112025	SW8260D	NA	87-61-6	1,2,3-Trichlorobenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	96-18-4	1,2,3-Trichloropropane	UJ
L2574356	RMW14_112025	SW8260D	NA	95-93-2	1,2,4,5-Tetramethylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	120-82-1	1,2,4-Trichlorobenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	95-63-6	1,2,4-Trimethylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
L2574356	RMW14_112025	SW8260D	NA	106-93-4	1,2-Dibromoethane	UJ
L2574356	RMW14_112025	SW8260D	NA	95-50-1	1,2-Dichlorobenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	107-06-2	1,2-Dichloroethane	UJ
L2574356	RMW14_112025	SW8260D	NA	540-59-0	1,2-Dichloroethene (Total)	UJ
L2574356	RMW14_112025	SW8260D	NA	78-87-5	1,2-Dichloropropane	UJ
L2574356	RMW14_112025	SW8260D	NA	108-67-8	1,3,5-Trimethylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	541-73-1	1,3-Dichlorobenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	142-28-9	1,3-Dichloropropane	UJ
L2574356	RMW14_112025	SW8260D	NA	542-75-6	1,3-Dichloropropene, Total	UJ
L2574356	RMW14_112025	SW8260D	NA	106-46-7	1,4-Dichlorobenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	123-91-1	1,4-Dioxane	UJ
L2574356	RMW14_112025	SW8260D	NA	594-20-7	2,2-Dichloropropane	UJ
L2574356	RMW14_112025	SW8260D	NA	78-93-3	2-Butanone	UJ
L2574356	RMW14_112025	SW8260D	NA	591-78-6	2-Hexanone	UJ
L2574356	RMW14_112025	SW8260D	NA	108-10-1	4-Methyl-2-Pentanone	UJ
L2574356	RMW14_112025	SW8260D	NA	67-64-1	Acetone	J
L2574356	RMW14_112025	SW8260D	NA	107-13-1	Acrylonitrile	UJ
L2574356	RMW14_112025	SW8260D	NA	71-43-2	Benzene	UJ
L2574356	RMW14_112025	SW8260D	NA	108-86-1	Bromobenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	74-97-5	Bromochloromethane	UJ
L2574356	RMW14_112025	SW8260D	NA	75-27-4	Bromodichloromethane	UJ
L2574356	RMW14_112025	SW8260D	NA	75-25-2	Bromoform	UJ
L2574356	RMW14_112025	SW8260D	NA	74-83-9	Bromomethane	UJ
L2574356	RMW14_112025	SW8260D	NA	75-15-0	Carbon Disulfide	UJ
L2574356	RMW14_112025	SW8260D	NA	56-23-5	Carbon Tetrachloride	J
L2574356	RMW14_112025	SW8260D	NA	108-90-7	Chlorobenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	75-00-3	Chloroethane	UJ
L2574356	RMW14_112025	SW8260D	NA	67-66-3	Chloroform	J
L2574356	RMW14_112025	SW8260D	NA	74-87-3	Chloromethane	UJ
L2574356	RMW14_112025	SW8260D	NA	124-48-1	Dibromochloromethane	UJ
L2574356	RMW14_112025	SW8260D	NA	74-95-3	Dibromomethane	UJ
L2574356	RMW14_112025	SW8260D	NA	75-71-8	Dichlorodifluoromethane	UJ
L2574356	RMW14_112025	SW8260D	NA	60-29-7	Ethyl Ether	UJ
L2574356	RMW14_112025	SW8260D	NA	100-41-4	Ethylbenzene	UJ

Data Usability Summary Report
For 445 Gerard Ave
November 2025 Groundwater Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	Total (T) / Dissolved (D)	CAS #	Analyte	Validator Qualifier
L2574356	RMW14_112025	SW8260D	NA	87-68-3	Hexachlorobutadiene	UJ
L2574356	RMW14_112025	SW8260D	NA	98-82-8	Isopropylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	1634-04-4	Methyl Tert Butyl Ether	UJ
L2574356	RMW14_112025	SW8260D	NA	75-09-2	Methylene Chloride	UJ
L2574356	RMW14_112025	SW8260D	NA	91-20-3	Naphthalene	UJ
L2574356	RMW14_112025	SW8260D	NA	100-42-5	Styrene	UJ
L2574356	RMW14_112025	SW8260D	NA	127-18-4	Tetrachloroethene	UJ
L2574356	RMW14_112025	SW8260D	NA	108-88-3	Toluene	UJ
L2574356	RMW14_112025	SW8260D	NA	79-01-6	Trichloroethene	UJ
L2574356	RMW14_112025	SW8260D	NA	75-69-4	Trichlorofluoromethane	UJ
L2574356	RMW14_112025	SW8260D	NA	108-05-4	Vinyl Acetate	UJ
L2574356	RMW14_112025	SW8260D	NA	75-01-4	Vinyl Chloride	UJ
L2574356	RMW14_112025	SW8260D	NA	1330-20-7	Xylene (Total)	UJ
L2574356	RMW14_112025	SW8260D	NA	156-59-2	Cis-1,2-Dichloroethene	UJ
L2574356	RMW14_112025	SW8260D	NA	10061-01-5	Cis-1,3-Dichloropropene	UJ
L2574356	RMW14_112025	SW8260D	NA	104-51-8	N-Butylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	103-65-1	N-Propylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	95-49-8	O-Chlorotoluene	UJ
L2574356	RMW14_112025	SW8260D	NA	95-47-6	O-Xylene	UJ
L2574356	RMW14_112025	SW8260D	NA	106-43-4	P-Chlorotoluene	UJ
L2574356	RMW14_112025	SW8260D	NA	105-05-5	1,4-Diethylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	622-96-8	4-Ethyltoluene	UJ
L2574356	RMW14_112025	SW8260D	NA	99-87-6	P-Isopropyltoluene	UJ
L2574356	RMW14_112025	SW8260D	NA	179601-23-1	P/M-Xylene	UJ
L2574356	RMW14_112025	SW8260D	NA	135-98-8	Sec-Butylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	98-06-6	Tert-Butylbenzene	UJ
L2574356	RMW14_112025	SW8260D	NA	156-60-5	Trans-1,2-Dichloroethene	UJ
L2574356	RMW14_112025	SW8260D	NA	10061-02-6	Trans-1,3-Dichloropropene	UJ
L2574356	RMW14_112025	SW8260D	NA	110-57-6	Trans-1,4-Dichloro-2-Butene	UJ
L2574356	GWDUP01_112025	SW8260D	NA	74-87-3	Chloromethane	UJ
L2574356	GWDUP01_112025	SW8260D	NA	108-05-4	Vinyl Acetate	UJ

March 24, 2026

Ms. Brittany Taranto
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233

**RE: February 2026 Groundwater Monitoring Report
Gerard Avenue and East 146th Street
Bronx, New York
NYSDEC BCP Site No. C203111
Langan Project No.: 170487003**

Dear Ms. Taranto,

In accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan, Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) conducted groundwater sampling at 445 Gerard Avenue (the site) located in the Mott Haven neighborhood of the Bronx, New York. A site location map is provided as Figure 1. Sampling was conducted on February 12, 2026, and is the fourth sampling event completed following the implementation of the supplemental groundwater treatment program, which took place between February 24 and February 28, 2025, to address residual petroleum impacts in groundwater. The first post-injection groundwater sampling event following implementation of the supplemental groundwater treatment program was performed on May 29, 2025.

Project Background

The about 38,000-square-foot (0.87 acre) site is identified as Block 2351, Lots 1, 3, 12, and 20 on the New York City Bronx Borough Tax Map. The site was developed into a 12-story mixed-use commercial and residential building with a partial cellar. A site layout plan is provided as Figure 2.

Petroleum-impacted soil, groundwater, and soil vapor attributed to former on-site operations and petroleum bulk storage were identified in the northern part of the site during a Remedial Investigation (RI) performed between December 2018 and January 2019. Based on these findings, Spill No. 1705596 was assigned. A NYSDEC-approved in-situ chemical oxidation (ISCO) program was implemented between November 2020 and January 2021 to target petroleum-

related volatile organic compounds (VOC) and semivolatile organic compounds (SVOCs) in groundwater. Excavation and off-site disposal of contaminated fill/soil, decommissioning of underground storage tanks (USTs), and installation of permanent groundwater monitoring wells was completed between February and June 2021 in accordance with the NYSDEC-approved April 28, 2020 Remedial Action Work Plan (RAWP). A Track 4 remedy was achieved and a certificate of completion (COC) was issued on December 28, 2021. Following completion of the ISCO program and site-wide remedy, five post-remedial groundwater monitoring wells were installed (RMW01, RMW03, RMW09, RMW10, and RMW14) and eight quarterly sampling events were completed between April 2021 and January 2023 in accordance with the December 21, 2021 Site Management Plan (SMP). Langan requested the discontinuation of groundwater monitoring in the April 4, 2023 Eighth Quarterly Groundwater Monitoring Report. Although remaining VOC and SVOC contamination was present, most significantly in RMW14, consistent reduction had been observed and significant further reduction was not anticipated. In the July 6, 2023 Eighth Quarterly Groundwater Monitoring Report & Periodic Review Report comment letter, the NYSDEC requested that an additional sampling event (Q9) be conducted, including a synoptic gauging of the monitoring wells and development of a groundwater contour map.

The Q9 sampling event was performed in September 2023. Results indicated that SVOCs were no longer present at concentrations exceeding the NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA drinking water (herein collectively referenced as NYSDEC SGVs) and residual VOC impacts remained only in RMW14, except for benzene in RMW09. Geochemical parameters, specifically dissolved oxygen (DO), had depleted, indicating that subsurface conditions no longer appeared to be favorable for breakdown of petroleum-related compounds.

Langan reviewed the results of the Q9 sampling event with the NYSDEC on January 30, 2024. Although natural attenuation may have been occurring at RMW14, additional groundwater treatment in the vicinity of RMW14 was discussed as a final step to reduce VOC impacts. The NYSDEC agreed with this approach and recommended continued groundwater monitoring at select locations.

February 2025 Groundwater Treatment Work Plan Injection Implementation

In accordance with the December 2, 2024 Groundwater Treatment Work Plan, a series of three remedial technologies, 1) adsorption and bioremediation using PetroFix™, 2) chemical flocculation by calcium chloride, and 3) an Oxygen Reduction Compound (ORC) Advanced® sock were selected to address residual petroleum-related VOCs in groundwater. PetroFix™ is a proprietary product developed by Regenesis Remediation Solutions (Regenesis) that provides an adsorptive media onto which the dissolved VOCs can partition. In turn, attached microbial growth

occurs on the surface of the adsorptive media, resulting in contaminant destruction via biodegradation. PetroFix™ employs the techniques of organic polymer dispersion chemistry to suspend activated carbon particles in a colloidal matrix. A calcium chloride flush can be used to prevent or “park” colloidal suspensions of carbon by flocculation, facilitating bonding between particles to create larger aggregates that can be separated, resulting in improved aquifer clarification. Finally, the application of ORC Advanced® to the subsurface via socks can enhance biological activity, which accelerates the rate of naturally-occurring aerobic biodegradation in groundwater.

The injection program was implemented by Regenesis and Coastal Environmental Solutions (Coastal) under the oversight of Langan between February 24 and February 28, 2025. Coastal injected PetroFix™ solution directly into post-remedial monitoring well RMW14 and off-site monitoring wells OMW-01 and OMW-02 using a “bottom-up” approach. Flexible hose extended from a mixing tank to the injection pump, and then to an injection manifold at the drill rig. A hollow steel injection rod delivered the PetroFix™ under low pressures ranging from 10 to 50 pounds per square inch (psi) so to not significantly alter groundwater elevation. The injection rod was gradually pulled upward through the target interval, about 15 to 30 feet below grade surface (bgs) in off-site monitoring wells, and about 17 to 27 feet bgs in monitoring well RMW14. Approximately 800 pounds of PetroFix™ were injected over the course of the program.

Following PetroFix™ injections, a calcium chloride flush was applied to RMW14. The calcium chloride flush consisted of injecting 29 gallons of fresh water, followed by 16.6 pounds of calcium chloride with 33 gallons of fresh water, and a final 29 gallons of fresh water into monitoring well RMW14 at pressures similar to that of the PetroFix™ application. ORC Advanced® socks consisting of 31, 1-foot socks laced together, were suspended in RMW14 to be left in place for up to nine months.

Periodic Groundwater Sampling

Eight quarterly post-injection sampling events were completed in accordance with the SMP and a ninth post-injection sampling event was completed at the request of the NYSDEC. Monitoring was conducted at five post-injection permanent monitoring wells (RMW01, RMW03, RMW09, RMW10, and RMW14) that were installed following the initial injection program during implementation of the remedy. Results identified remaining petroleum-related VOC impacts in the northern part of the site, particularly in the vicinity of groundwater monitoring well RWM14, following completion of the ISCO program.

Per the groundwater treatment work plan, performance monitoring was to be conducted quarterly at RMW03, RMW09, and RMW14 for at least four quarters following the February 2025 injection program; the February 2026 sampling event is the fourth quarterly sampling event

required by the groundwater treatment work plan. Locations of RMW03, RMW09, and RMW14 are shown on Figure 3.

The first post-injection groundwater sampling event was completed on May 29, 2025. Findings from the May, August and November 2025 analytical data showed that VOCs were no longer detected above the NYSDEC SGVs in RMW14, however, benzene was detected above the NYSDEC SGV in RMW03 and RMW09.

Well Purging and Sampling

The fourth post-injection groundwater sampling event was conducted on February 12, 2026. Samples were collected in accordance with the procedures set forth in the United States Environmental Protection (USEPA) low-flow groundwater sampling procedure ("Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", EQASOP-GW 001, January 19, 2010) to allow for collection of a representative sample. Purging was performed using a peristaltic pump fitted with dedicated tubing at all wells. During purging, the turbidity, pH, temperature, conductivity, oxidation-reduction potential (ORP), and dissolved oxygen (DO) were monitored using a Horiba U-52 water quality meter with a flow-through cell. Purging was considered complete after three well volumes were purged or after groundwater quality parameters had stabilized for three successive readings within a reasonable time frame. The purged water was containerized into a 55-gallon drum and temporarily stored in a secured area pending proper off-site disposal. ORC Advanced® socks in monitoring well RMW14 were removed and replaced during the sampling event. The daily site observation report is included as Attachment A. The groundwater quality parameters were recorded in the groundwater sampling logs provided as Attachment B.

After purging each well, a groundwater sample was collected directly from the pump discharge line using USEPA low-flow techniques. For quality assurance and quality control (QA/QC), one field blank sample, one trip blank, one duplicate sample, and one matrix spike/matrix spike duplicate (MS/MSD) sample were collected. All samples were analyzed for Part 375/Target Compound List (TCL) VOCs by Pace Analytical Services, LLC (Pace), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Westborough, Massachusetts (ELAP ID No. 11148). Groundwater quality parameters stabilized in RMW03 and RMW09 prior to sampling. Parameters did not stabilize in RMW14 due to low groundwater recharge in the well; a groundwater sample was collected after well purging was paused to allow for recharge, and three well volumes were purged. Groundwater quality parameters could not be collected during recharge periods in RMW14. Prior to sampling, the ORP levels ranged from 78 to 168 millivolts (mV), turbidity ranged from 63.1 to 211.0 Nephelometric Turbidity Units (NTU), and dissolved oxygen ranged from 3.01 to 3.45

milligrams per liter (mg/L).

The laboratory analytical results from the May, August, and November 2025, and February 2026 post-injection groundwater sampling events are summarized in Table 1. Laboratory analytical reports are provided as Attachment C. Groundwater analytical results were compared to the NYSDEC SGVs.

February 2026 Performance Monitoring Analytical Results

Analytical results from the February 2026 performance monitoring are summarized as follows:

- RMW03: One VOC, benzene, was detected above its NYSDEC SGV (1 microgram per liter [ug/L]) at a concentration of 1.1 ug/L and 1.5 ug/L in the parent and duplicate groundwater samples, respectively.
- RMW09: One VOC, benzene, was detected above its NYSDEC SGV (1 ug/L) at a concentration of 9.9 ug/L.
- RMW14: VOCs were not detected above the NYSDEC SGVs.

VOC concentrations were not detected above the NYSDEC SGVs in RMW14 and have not been detected in the well during all four sampling events following the groundwater treatment injections. One VOC, benzene, was detected above its NYSDEC SGV in RMW03 and RMW09; the concentration of benzene in monitoring well RMW03 has decreased during all four monitoring quarters and the concentration of benzene in monitoring well RMW09 has remained within the same order of magnitude during the last three quarters. Concentrations of benzene during this sampling event were within the same, or up to two orders of magnitude lower when compared to previous sampling events between 2021 and 2023.

Data Validation

Copies of the Analytical Services Protocol (ASP) Category B laboratory reports were submitted to Langan's data validation department for review in accordance with the USEPA validation guidelines for organic and inorganic data. The data were found to be 100% acceptable. The Data Usability Summary Report (DUSR) is included in Attachment D.

Closure

Benzene concentrations observed during the February 2026 groundwater sampling event decreased in both RMW03 and RMW09 when compared to sampling events between 2020 and 2023. VOCs have not exceeded the NYSDEC SGVs in RMW14 during all four sampling quarters

following the February 2025 injection event, indicating that the injections successfully reduced the concentration of targeted petroleum-related compounds. Based on the results, Langan proposes discontinuation of quarterly groundwater monitoring in all monitoring wells as significant contaminant reduction has been demonstrated over the past four sampling events, and further reduction is not anticipated. Langan recommends decommissioning of the on- and off-site groundwater monitoring wells at the site.

Should you have any questions, please call the undersigned at 212-479-5479.

Sincerely,

**Langan Engineering, Environmental, Surveying Landscape
Architecture, and Geology, D.P.C.**



Brian Gochenaur, QEP
Associate Principal

Enclosures:

Table 1	Post-Injection Quarterly Groundwater Sample Analytical Results
Figure 1	Site Location Map
Figure 2	Site Layout Plan
Figure 3	Groundwater Sample Analytical Results Map
Attachment A	Daily Site Observation Report
Attachment B	Well Purging and Sampling Logs
Attachment C	Laboratory Analytical Report
Attachment D	Data Usability Summary Report

TABLE

Table 1
February 2026 Groundwater Monitoring Letter Report
Post-Injection Quarterly Groundwater Sample Analytical Results

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487003

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	May 2025		August 2025		November 2025		February 2026	
			Location	RMW03	RMW03	RMW03	RMW03	RMW03	RMW03		
			Sample Name	RMW03_052925	DUP01_052925	RMW03_082925	GWDUP01_082925	RMW03_112025	GWDUP01_112025	RMW03_021226	RMW03_021226
			Sample Date	05/29/2025	05/29/2025	08/29/2025	08/29/2025	11/20/2025	11/20/2025	02/12/2026	02/12/2026
			Unit	Result	Result	Result	Result	Result	Result	Result	
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 UJ	<1.5 UJ	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 UJ	<1 UJ	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 U	<250 UJ	<250 UJ	<250 U	<250 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	50	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	5.6 J
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	1	ug/l	8.3	9.5	3.9 J	5 J	3.4	3.7	1.1	1.5
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 UJ	<2 UJ	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	1.6 J	1.6 J	0.79 J	1 J	0.71 J	0.8 J	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Naphthalene	91-20-3	10	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 UJ	<1 UJ	<1 U	<1 U	<1 U	<1 U
Total BTEX	BTEX	NS	ug/l	8.3	9.5	3.9	5	3.4	3.7	1.1	1.5
Total VOCs	TOTALVOCs	NS	ug/l	9.9	11.1	4.69	6	4.11	4.5	1.1	7.1

Table 1
February 2026 Groundwater Monitoring Letter Report
Post-Injection Quarterly Groundwater Sample Analytical Results

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487003

Analyte	CAS Number	NYSDEC SGVs	Sampling Event	May 2025	August 2025	November 2025	February 2026	May 2025	August 2025	November 2025	February 2026
			Location	RMW09	RMW09	RMW09	RMW09	RMW14	RMW14	RMW14	RMW14
			Sample Name	RMW09_052925	RMW09_082925	RMW09_112025	RMW09_021226	RMW14_052925	RMW14_082925	RMW14_112025	RMW14_021226
			Sample Date	05/29/2025	08/29/2025	11/20/2025	02/12/2026	05/29/2025	08/29/2025	11/20/2025	02/12/2026
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 UJ	<1.5 U	<1.5 U	<3 U	<15 UJ	<1.5 UJ	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	<2 UJ	<2 U	<2 U	<4 U	<20 UJ	<2 UJ	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 UJ	<2 U	<2 U	<4 U	<20 UJ	<2 UJ	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 UJ	<1 U	<1 U	<2 U	<10 UJ	<1 UJ	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 UJ	<2 U	<2 U	<4 U	<20 UJ	<2 UJ	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 UJ	<250 U	<250 U	<500 U	<2,500 UJ	<250 UJ	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 UJ	<5 U	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 UJ	<2 U	<2 U	<4 U	<20 UJ	<2 UJ	<2 U
Acetone	67-64-1	50	ug/l	<5 UJ	<5 U	<5 U	<5.1 U	4.1 J	<50 UJ	4.8 J	<5 U
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 UJ	<5 U	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
Benzene	71-43-2	1	ug/l	17	5.6 J	2.4	9.9	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 UJ	<2 U	<2 U	<4 U	<20 UJ	<2 UJ	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 UJ	<5 U	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	0.77 J	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	0.77 J	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 U	3.5 J	<25 UJ	<2.5 UJ	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 UJ	<5 U	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 UJ	<5 UJ	<5 U	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	2.8	2.1 J	1.6 J	3.7	<5 U	<25 UJ	<2.5 UJ	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 UJ	<5 U	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 UJ	<5 U	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Naphthalene	91-20-3	10	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	1.3 J	0.8 J	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	0.8 J	0.91 J	0.82 J	0.92 J	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Toluene	108-88-3	5	ug/l	0.71 J	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<1 U	<5 UJ	<0.5 UJ	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	<2.5 U	<5 U	<25 UJ	<2.5 UJ	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 UJ	<5 UJ	<5 U	<10 U	<50 UJ	<5 UJ	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 UJ	<1 U	<1 U	<2 U	<10 UJ	<1 UJ	<1 U
Total BTEX	BTEX	NS	ug/l	17.71	5.6	2.4	9.9	ND	ND	ND	ND
Total VOCs	TOTALVOCs	NS	ug/l	24.61	9.41	4.82	14.52	7.6	ND	ND	ND

Table 1
February 2026 Groundwater Monitoring Letter Report
Post-Injection Quarterly Groundwater Sample Analytical Results

Page 3 of 3

445 Gerard Avenue
Bronx, New York
NYSDEC BCP Site No.: C203111
Langan Project No.: 170487003

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

ND - Not detected

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

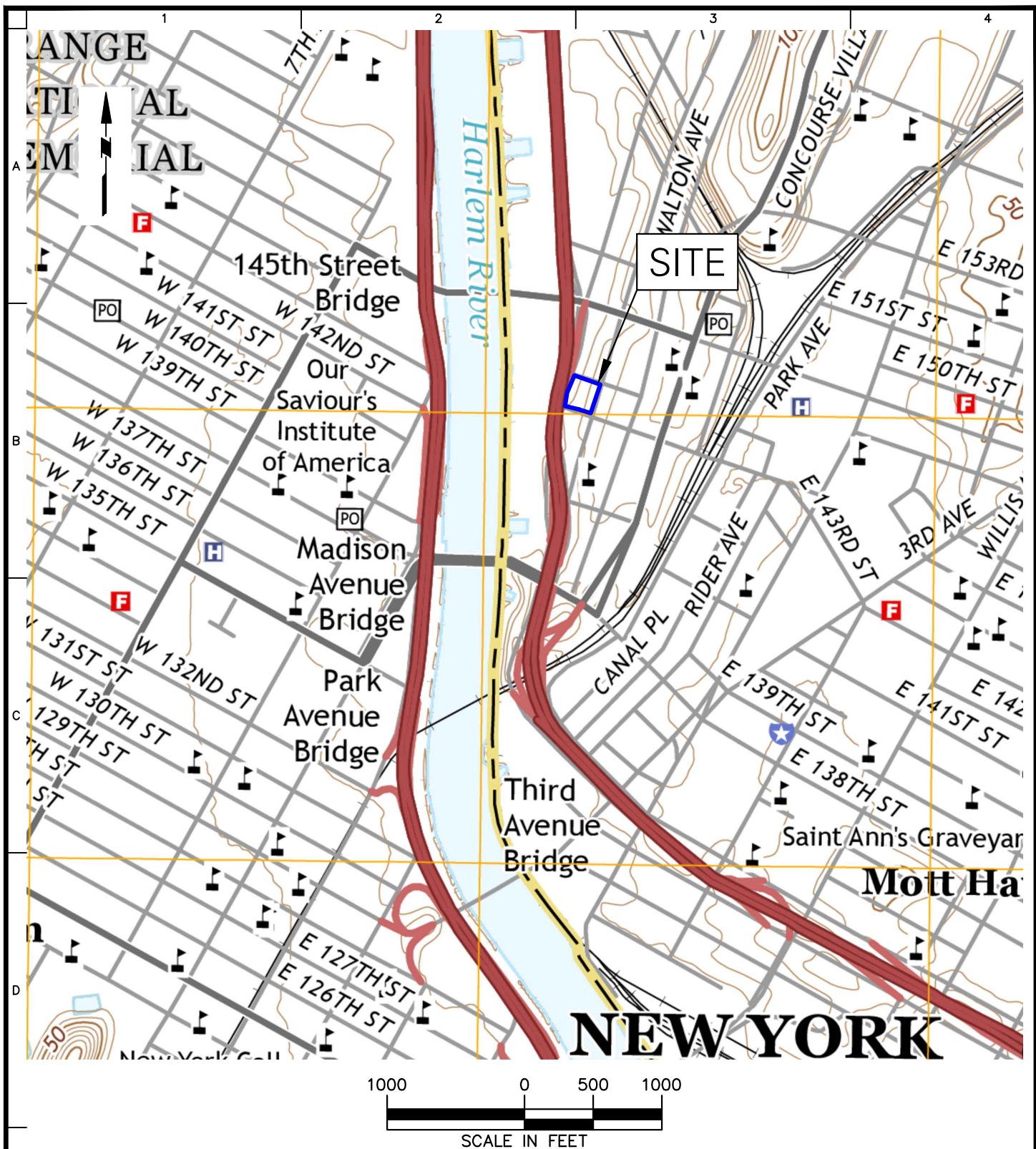
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

FIGURES



— SITE BOUNDARY

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE MAP, DATED 2016

LANGAN

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Project

GERARD AVENUE AND EAST 146TH STREET

BLOCK No. 2351, LOT Nos. 1, 3, 12, & 20

BRONX

NEW YORK

Figure Title

SITE LOCATION MAP

Project No.

170487003

Date

08/27/2021

Drawn By

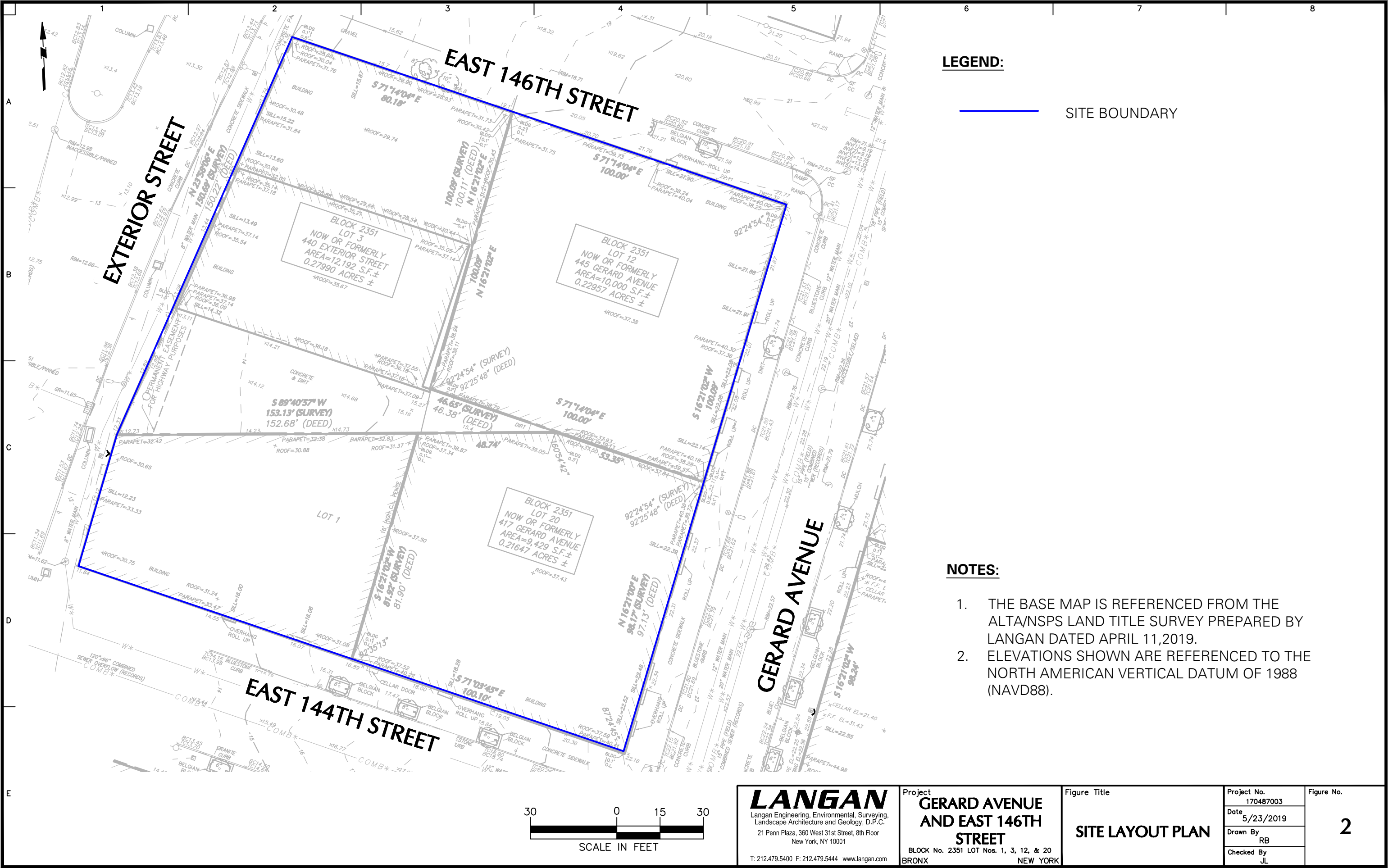
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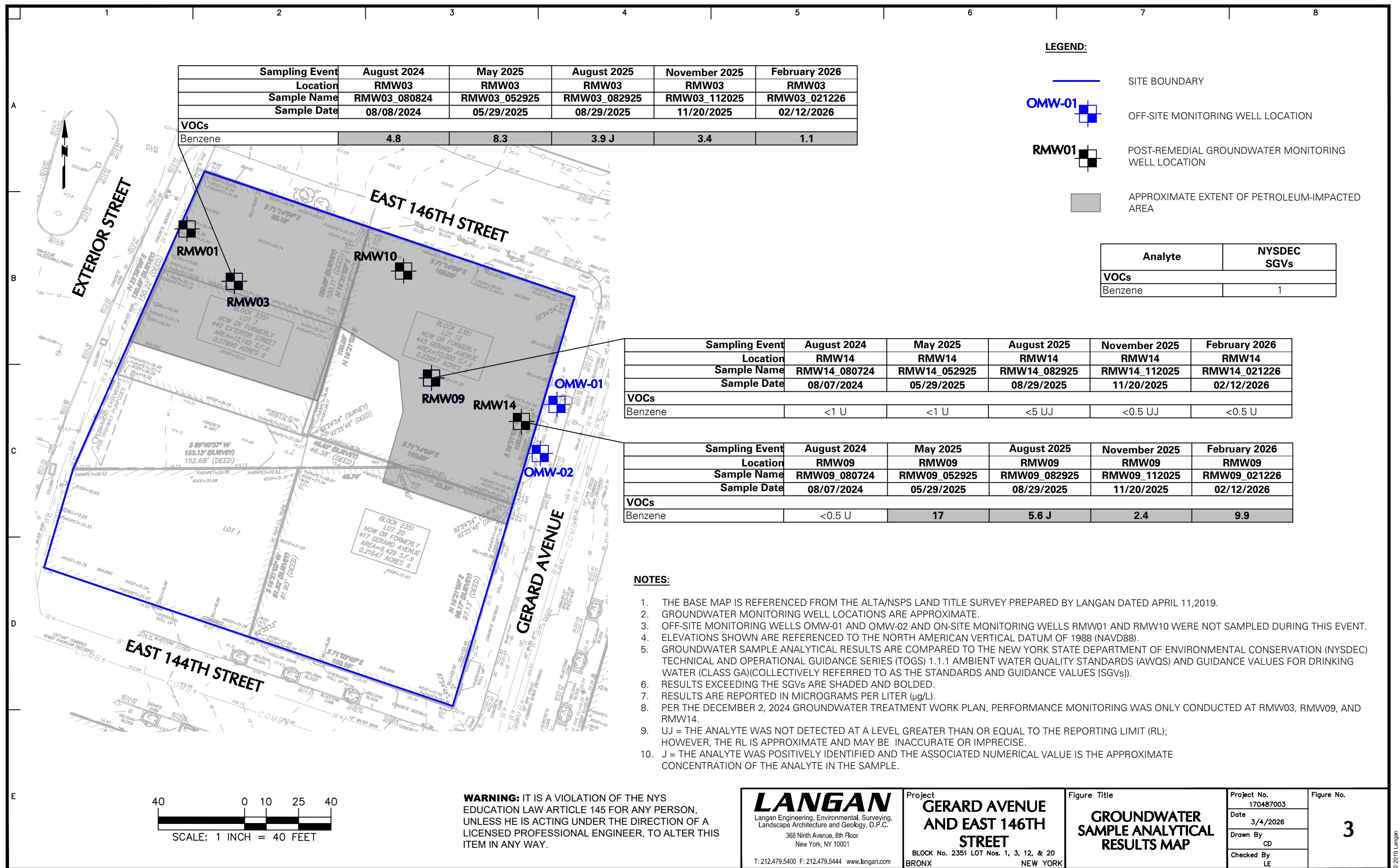
Checked By

KS

Figure No.

1





ATTACHMENT A

DAILY SITE OBSERVATION REPORT

DAILY FIELD REPORT

LANGAN

PROJECT No.: 170487001	CLIENT: 445 Gerard Owner LLC c/o The Domain Companies	DATE: Thursday, February 12, 2026
PROJECT: 445 Gerard Avenue		WEATHER: Sunny, 21-36 °F Wind: S @ 2– 3 mph
LOCATION: Brooklyn, New York		TIME: 9:00am – 3:30 pm
BCP Site Number: C203111		MONITOR: Shawn Martin
EQUIPMENT: RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	PRESENT AT SITE: Langan: Shawn Martin	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was on-site to perform quarterly groundwater sampling in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved December 2, 2024 Groundwater Treatment Work Plan. Site Activities - Langan used a peristaltic pump to purge and sample groundwater monitoring wells RMW03, RMW09, and RMW14. Purged groundwater was screened for odors, sheen, and organic vapors using a photoionization detector (PID). PID readings between 0.0 parts per million (ppm) and 0.8 ppm were observed in all wells beneath the well caps. Petroleum-like odors were observed in water purged from wells RMW03 and RMW09. Visual signs of impacts were not observed. Purged groundwater was containerized in a 55-gallon New York State Department of Transportation (NYSDOT)-approved drum for future disposal. Material Tracking - No material was exported from the site. - No material was imported to the site. Sampling - Langan collected three groundwater samples, RMW03_021226, RMW09_021226, and RMW14_021226 plus quality assurance/quality control (QA/QC) samples, to be analyzed for volatile organic compounds (VOCs). Samples were submitted to Pace Analytical Laboratories, Inc. (Pace) of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols. CAMP Activities - Community air monitoring was not implemented as ground intrusive work was not being performed. Anticipated Activities None.		
Cc: B. Gochenaur, L. Esmail, C. Devin (Langan)	By: Shawn Martin	LANGAN

Site Photographs:



Photo 1: View of groundwater sampling at monitoring well RMW09.



Photo 2: View of purged groundwater from RMW14 compared to the PetroFix 50 milligrams per liter (mg/L) standard.

Cc:	B. Gochenaur, L. Esmail, C. Devin (Langan)	By:	Shawn Martin LANGAN
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Figure 1: Site Map



Legend:

- Site Boundary
- Purged and sampled monitoring well
- Location of 55-gallon drum

Cc:	B. Gochenaur, L. Esmail, C. Devin (Langan)	By:	Shawn Martin LANGAN
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ATTACHMENT B

WELL PURGING AND SAMPLING LOGS

Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMVW03	Water Quality Device Model:	Horiba U-52		Weather:	Sunny, 30-40	Sample(s):	RMW03_021226	
Project Number:	1704987001	Well Depth:	15.75	Pine Number:			NA2A	Background PID (ppm):		0.00	GW/DUP01_021226
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:			Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):		0.80	
Sampling Personnel:	Shawn Martin	Well Screen Interval:	2.00	Pine Number:			GEO2757	Pump Intake Depth:	15.00	Sample Date:	2/12/26
			12.00	Tubing Diameter:			1/4" HDPE	Depth to Water Before Purge:	10.20	Sample Time:	12:05
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm)	Cumulative Discharge Volume (Gal)	NOTES	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)				<0.13 gpm		color, odor etc.	
BEGIN PURGING											
11:30	15.14	6.91	59	4.450	14.0	1.23	10.20	0.2	0.1	Petroleum-like odor, no sheen	N/A
11:35	14.69	7.09	-64	4.810	8.1	1.12	10.23	0.2	0.25		N/A
11:40	14.26	7.18	-137	4.991	3.5	1.10	10.24	0.2	0.5		N
11:45	15.22	7.26	-172	5.090	1.7	0.96	10.26	0.2	0.75		N
11:50	15.13	7.31	-124	5.170	1.8	0.92	10.28	0.2	1		N
11:55	15.11	7.28	-119	5.122	1.5	0.88	10.31	0.2	1.25		N
12:00	15.11	7.25	-115	5.130	1.3	0.85	10.34	0.2	1.5		Y
12:05	15.11	7.23	-109	5.141	1.1	0.82	10.35	0.2	1.75		Y
Notes: 1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point. 2. Well and tubing diameters are measured in inches. 3. PID = Photoionization Detector 4. PPM = Parts per million 5. pH = Hydrogen ion concentration 6. ORP = Oxidation-reduction potential, measured in millivolts (mV) 7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L) 8. DTW = Depth to water 9. mS/cm = milli-Siemens per centimeter 10. NTU = Nephelometric Turbidity Unit											
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 368 Ninth Avenue, 8th Floor, New York											

Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW09	Water Quality Device Model:	Horiba U-52		Weather:	Sunny, 30-40	Sample(s):	RMW09_021226	
Project Number:	1704987001	Well Depth:	17.00	Pine Number:		NA2A	Background PID (ppm):	0.00			
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:		Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):	0.00	Sample Date:	02/12/26	
Sampling Personnel:	Shawn Martin	Well Screen Interval:	16.00	Pine Number:		GEO2757	Pump Intake Depth:	16.00			
			26.00	Tubing Diameter:		1/4" HDPE	Depth to Water Before Purge:	10.33	Sample Time:	13:05	
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)							
BEGIN PURGING											
12:25	16.58	6.78	-131	5.360	21.9	1.29	10.33	0.2	0.1	Petroleum-like odor, no sheen	N/A
12:30	16.82	6.73	-141	4.900	11.2	0.60	10.35	0.2	0.5		N/A
12:35	16.79	6.70	-146	4.570	6.7	0.47	10.37	0.2	0.75		N
12:40	16.87	6.68	-151	4.140	2.4	0.36	10.40	0.2	1.25		N
12:45	16.87	6.66	-156	3.810	0.5	0.29	10.42	0.2	1.75		N
12:50	16.87	6.66	-162	3.780	0.2	0.26	10.45	0.2	2		N
12:55	16.87	6.64	-168	3.765	0.0	0.24	10.47	0.2	2.25		N
13:00	16.87	6.60	-170	3.700	0.0	0.20	10.50	0.2	2.5		Y
Notes: 1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point. 2. Well and tubing diameters are measured in inches. 3. PID = Photoionization Detector 4. PPM = Parts per million 5. pH = Hydrogen ion concentration 6. ORP = Oxidation-reduction potential, measured in millivolts (mV) 7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L) 8. DTW = Depth to water 9. mS/cm = milli-Siemens per centimeter 10. NTU = Nephelometric Turbidity Unit											
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 368 Ninth Avenue, 8th Floor, New York											

Project Information		Well Information		Equipment Information			Sampling Conditions			Sampling Information	
Project Name:	445 Gerard Avenue	Well No:	RMW14	Water Quality Device Model:	Horiba U-52	Weather:	Sunny, 30-40	Sample(s):	RMW14_021226		
Project Number:	1704987001	Well Depth:	14.98	Pine Number:	NA2A	Background PID (ppm):	0.00				
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:	Geo-Peristaltic Pump	PID Beneath Inner Cap (ppm):	0.00				
Sampling Personnel:	Shawn Martin	Well Screen	4.00	Pine Number:	GEO2757	Pump Intake Depth:	14.50	Sample Date:	02/12/26		
		Interval:	14.00	Tubing Diameter:	1/4" HDPE	Depth to Water Before Purge:	13.20	Sample Time:	14:40		
STABILIZATION = 3 successive readings within limits											
	TEMP °Celsius	PH	ORP mV	CONDUCTIVITY mS/cm	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
TIME	(+/- 3%)	(+/- 0.1)	(+/- 10mV)	(+/- 3%)				<0.13 gpm)			
BEGIN PURGING											
13:20	16.61	7.50	78	4.100	211.0	3.01	13.20	0.1	0.1		N/A
13:50	16.83	7.34	121	4.160	104.0	3.21	14.75	0.1	0.15		N/A
14:20	17.10	7.14	168	4.200	63.1	3.45	14.80	0.1	0.2		N

1. Well depths and groundwater depths were measured in feet below the top of well casing, northern most point.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
368 Ninth Avenue, 8th Floor, New York

ATTACHMENT C

LABORATORY ANALYTICAL REPORTS



ANALYTICAL REPORT

Lab Number:	L2607895
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Lamees Esmail
Phone:	(212) 479-5717
Project Name:	445 GERARD AVENUE
Project Number:	170487001
Report Date:	02/18/26

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



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607895-01	RMW03_021226	WATER	445 GERARD AVE, BRONX, NY	02/12/26 12:05	02/12/26
L2607895-02	RMW09_021226	WATER	445 GERARD AVE, BRONX, NY	02/12/26 13:05	02/12/26
L2607895-03	RMW14_021226	WATER	445 GERARD AVE, BRONX, NY	02/12/26 14:40	02/12/26
L2607895-04	GWDUP01_021226	WATER	445 GERARD AVE, BRONX, NY	02/12/26 00:00	02/12/26
L2607895-05	FB01_021226	WATER	445 GERARD AVE, BRONX, NY	02/12/26 13:30	02/12/26
L2607895-06	TB01_021226	WATER	445 GERARD AVE, BRONX, NY	02/12/26 00:00	02/12/26

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Case Narrative

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

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

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

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

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

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

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Case Narrative (continued)

Report Submission

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

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

Authorized Signature:



Caitlin Walukevich

Title: Technical Director/Representative

Date: 02/18/26

ORGANICS

VOLATILES

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-01**Date Collected:** 02/12/26 12:05**Client ID:** RMW03_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 02/16/26 16:35**Analyst:** MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.1		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-01**Date Collected:** 02/12/26 12:05**Client ID:** RMW03_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-01**Date Collected:** 02/12/26 12:05**Client ID:** RMW03_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-02**Date Collected:** 02/12/26 13:05**Client ID:** RMW09_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 02/16/26 17:53**Analyst:** MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	9.9		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-02**Date Collected:** 02/12/26 13:05**Client ID:** RMW09_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.1		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.92	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.7		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-02**Date Collected:** 02/12/26 13:05**Client ID:** RMW09_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-03**Date Collected:** 02/12/26 14:40**Client ID:** RMW14_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 02/16/26 17:01**Analyst:** MJV

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-03**Date Collected:** 02/12/26 14:40**Client ID:** RMW14_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-03**Date Collected:** 02/12/26 14:40**Client ID:** RMW14_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-04**Date Collected:** 02/12/26 00:00**Client ID:** GWDUP01_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water**Analytical Method:** 1,8260D**Analytical Date:** 02/16/26 17:27**Analyst:** MJV

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-04**Date Collected:** 02/12/26 00:00**Client ID:** GWDUP01_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.6		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-04**Date Collected:** 02/12/26 00:00**Client ID:** GWDUP01_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS**

Lab ID: L2607895-05

Date Collected: 02/12/26 13:30

Client ID: FB01_021226

Date Received: 02/12/26

Sample Location: 445 GERARD AVE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/13/26 11:32

Analyst: MJV

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-05**Date Collected:** 02/12/26 13:30**Client ID:** FB01_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-05**Date Collected:** 02/12/26 13:30**Client ID:** FB01_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS**

Lab ID: L2607895-06

Date Collected: 02/12/26 00:00

Client ID: TB01_021226

Date Received: 02/12/26

Sample Location: 445 GERARD AVE, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 02/13/26 11:58

Analyst: MJV

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

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-06**Date Collected:** 02/12/26 00:00**Client ID:** TB01_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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



Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**SAMPLE RESULTS****Lab ID:** L2607895-06**Date Collected:** 02/12/26 00:00**Client ID:** TB01_021226**Date Received:** 02/12/26**Sample Location:** 445 GERARD AVE, BRONX, NY**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 02/13/26 10:40
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG2176423-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 02/13/26 10:40
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG2176423-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 02/13/26 10:40
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG2176423-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 02/13/26 10:40
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG2176423-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 02/16/26 09:12
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2176792-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 02/16/26 09:12
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2176792-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 02/16/26 09:12
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2176792-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70



Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/16/26 09:12
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2176792-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG2176423-3 WG2176423-4								
Methylene chloride	97		88		70-130	10		20
1,1-Dichloroethane	100		92		70-130	8		20
Chloroform	96		88		70-130	9		20
Carbon tetrachloride	81		75		63-132	8		20
1,2-Dichloropropane	98		90		70-130	9		20
Dibromochloromethane	86		80		63-130	7		20
1,1,2-Trichloroethane	96		89		70-130	8		20
Tetrachloroethene	91		84		70-130	8		20
Chlorobenzene	98		90		75-130	9		20
Trichlorofluoromethane	76		70		62-150	8		20
1,2-Dichloroethane	94		86		70-130	9		20
1,1,1-Trichloroethane	90		81		67-130	11		20
Bromodichloromethane	92		84		67-130	9		20
trans-1,3-Dichloropropene	91		84		70-130	8		20
cis-1,3-Dichloropropene	88		80		70-130	10		20
1,1-Dichloropropene	89		81		70-130	9		20
Bromoform	81		76		54-136	6		20
1,1,2,2-Tetrachloroethane	94		90		67-130	4		20
Benzene	98		89		70-130	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG2176423-3 WG2176423-4								
Toluene	99		90		70-130	10		20
Ethylbenzene	99		89		70-130	11		20
Chloromethane	96		86		64-130	11		20
Bromomethane	64		60		39-139	6		20
Vinyl chloride	82		80		55-140	2		20
Chloroethane	100		93		55-138	7		20
1,1-Dichloroethene	79		71		61-145	11		20
trans-1,2-Dichloroethene	94		87		70-130	8		20
Trichloroethene	93		85		70-130	9		20
1,2-Dichlorobenzene	99		90		70-130	10		20
1,3-Dichlorobenzene	100		91		70-130	9		20
1,4-Dichlorobenzene	98		91		70-130	7		20
Methyl tert butyl ether	72		70		63-130	3		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	97		88		70-130	10		20
Dibromomethane	92		84		70-130	9		20
1,2,3-Trichloropropane	94		88		64-130	7		20
Acrylonitrile	90		85		70-130	6		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG2176423-3 WG2176423-4								
Styrene	95		85		70-130	11		20
Dichlorodifluoromethane	75		68		36-147	10		20
Acetone	120		100		58-148	18		20
Carbon disulfide	86		75		51-130	14		20
2-Butanone	91		83		63-138	9		20
Vinyl acetate	85		78		70-130	9		20
4-Methyl-2-pentanone	75		75		59-130	0		20
2-Hexanone	72		70		57-130	3		20
Bromochloromethane	94		88		70-130	7		20
2,2-Dichloropropane	88		79		63-133	11		20
1,2-Dibromoethane	89		83		70-130	7		20
1,3-Dichloropropane	95		89		70-130	7		20
1,1,1,2-Tetrachloroethane	94		86		64-130	9		20
Bromobenzene	97		90		70-130	7		20
n-Butylbenzene	97		86		53-136	12		20
sec-Butylbenzene	94		83		70-130	12		20
tert-Butylbenzene	93		83		70-130	11		20
o-Chlorotoluene	100		92		70-130	8		20
p-Chlorotoluene	100		91		70-130	9		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG2176423-3 WG2176423-4								
1,2-Dibromo-3-chloropropane	76		73		41-144	4		20
Hexachlorobutadiene	89		80		63-130	11		20
Isopropylbenzene	94		86		70-130	9		20
p-Isopropyltoluene	94		83		70-130	12		20
Naphthalene	81		78		70-130	4		20
n-Propylbenzene	99		89		69-130	11		20
1,2,3-Trichlorobenzene	89		81		70-130	9		20
1,2,4-Trichlorobenzene	90		83		70-130	8		20
1,3,5-Trimethylbenzene	97		87		64-130	11		20
1,2,4-Trimethylbenzene	98		89		70-130	10		20
1,4-Dioxane	120		110		56-162	9		20
p-Diethylbenzene	94		84		70-130	11		20
p-Ethyltoluene	98		89		70-130	10		20
1,2,4,5-Tetramethylbenzene	90		80		70-130	12		20
Ethyl ether	81		77		59-134	5		20
trans-1,4-Dichloro-2-butene	89		83		70-130	7		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Lab Number: L2607895

Project Number: 170487001

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG2176423-3 WG2176423-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2176792-3 WG2176792-4								
Methylene chloride	98		97		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	98		97		70-130	1		20
Carbon tetrachloride	94		90		63-132	4		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	85		87		63-130	2		20
1,1,2-Trichloroethane	95		96		70-130	1		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	92		89		62-150	3		20
1,2-Dichloroethane	94		94		70-130	0		20
1,1,1-Trichloroethane	98		94		67-130	4		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	91		92		70-130	1		20
cis-1,3-Dichloropropene	91		92		70-130	1		20
1,1-Dichloropropene	99		96		70-130	3		20
Bromoform	78		80		54-136	3		20
1,1,2,2-Tetrachloroethane	93		96		67-130	3		20
Benzene	100		99		70-130	1		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2176792-3 WG2176792-4								
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	98		95		64-130	3		20
Bromomethane	41		46		39-139	11		20
Vinyl chloride	90		88		55-140	2		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	90		85		61-145	6		20
trans-1,2-Dichloroethene	99		97		70-130	2		20
Trichloroethene	97		95		70-130	2		20
1,2-Dichlorobenzene	97		99		70-130	2		20
1,3-Dichlorobenzene	99		100		70-130	1		20
1,4-Dichlorobenzene	97		100		70-130	3		20
Methyl tert butyl ether	69		71		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	98		96		70-130	2		20
Dibromomethane	90		92		70-130	2		20
1,2,3-Trichloropropane	86		85		64-130	1		20
Acrylonitrile	87		88		70-130	1		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2176792-3 WG2176792-4								
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	92		87		36-147	6		20
Acetone	110		110		58-148	0		20
Carbon disulfide	94		89		51-130	5		20
2-Butanone	91		96		63-138	5		20
Vinyl acetate	86		88		70-130	2		20
4-Methyl-2-pentanone	73		77		59-130	5		20
2-Hexanone	74		74		57-130	0		20
Bromochloromethane	94		94		70-130	0		20
2,2-Dichloropropane	100		97		63-133	3		20
1,2-Dibromoethane	89		90		70-130	1		20
1,3-Dichloropropane	95		96		70-130	1		20
1,1,1,2-Tetrachloroethane	95		95		64-130	0		20
Bromobenzene	96		96		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	99		99		70-130	0		20
tert-Butylbenzene	96		97		70-130	1		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2176792-3 WG2176792-4								
1,2-Dibromo-3-chloropropane	72		77		41-144	7		20
Hexachlorobutadiene	94		94		63-130	0		20
Isopropylbenzene	99		98		70-130	1		20
p-Isopropyltoluene	96		98		70-130	2		20
Naphthalene	77		81		70-130	5		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	86		89		70-130	3		20
1,2,4-Trichlorobenzene	87		90		70-130	3		20
1,3,5-Trimethylbenzene	99		99		64-130	0		20
1,2,4-Trimethylbenzene	99		99		70-130	0		20
1,4-Dioxane	88		94		56-162	7		20
p-Diethylbenzene	96		97		70-130	1		20
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	88		88		70-130	0		20
Ethyl ether	78		82		59-134	5		20
trans-1,4-Dichloro-2-butene	81		80		70-130	1		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Lab Number: L2607895

Project Number: 170487001

Report Date: 02/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2176792-3 WG2176792-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		101		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2176792-6 WG2176792-7 QC Sample: L2607895-02 Client ID: RMW09_021226												
Methylene chloride	ND	10	9.9	99		9.6	96		70-130	3		20
1,1-Dichloroethane	ND	10	11	110		10	100		70-130	10		20
Chloroform	ND	10	9.8	98		9.3	93		70-130	5		20
Carbon tetrachloride	ND	10	9.0	90		8.5	85		63-132	6		20
1,2-Dichloropropane	ND	10	10	100		9.8	98		70-130	2		20
Dibromochloromethane	ND	10	8.3	83		7.9	79		63-130	5		20
1,1,2-Trichloroethane	ND	10	10	100		10	100		70-130	0		20
Tetrachloroethene	ND	10	9.0	90		8.7	87		70-130	3		20
Chlorobenzene	ND	10	9.4	94		8.9	89		75-130	5		20
Trichlorofluoromethane	ND	10	8.9	89		8.8	88		62-150	1		20
1,2-Dichloroethane	ND	10	9.5	95		9.2	92		70-130	3		20
1,1,1-Trichloroethane	ND	10	9.8	98		9.3	93		67-130	5		20
Bromodichloromethane	ND	10	9.3	93		8.8	88		67-130	6		20
trans-1,3-Dichloropropene	ND	10	8.8	88		8.3	83		70-130	6		20
cis-1,3-Dichloropropene	ND	10	8.5	85		8.2	82		70-130	4		20
1,1-Dichloropropene	ND	10	9.8	98		9.3	93		70-130	5		20
Bromoform	ND	10	7.7	77		7.4	74		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	10	9.5	95		8.8	88		67-130	8		20
Benzene	9.9	10	22	121		18	81		70-130	20		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2176792-6 WG2176792-7 QC Sample: L2607895-02 Client ID: RMW09_021226												
Toluene	ND	10	10	100		9.5	95		70-130	5		20
Ethylbenzene	ND	10	9.6	96		8.9	89		70-130	8		20
Chloromethane	ND	10	10	100		9.6	96		64-130	4		20
Bromomethane	ND	10	5.2	52		5.1	51		39-139	2		20
Vinyl chloride	ND	10	9.3	93		8.7	87		55-140	7		20
Chloroethane	ND	10	11	110		11	110		55-138	0		20
1,1-Dichloroethene	ND	10	9.1	91		8.6	86		61-145	6		20
trans-1,2-Dichloroethene	ND	10	9.9	99		9.4	94		70-130	5		20
Trichloroethene	ND	10	9.8	98		9.4	94		70-130	4		20
1,2-Dichlorobenzene	ND	10	9.5	95		8.6	86		70-130	10		20
1,3-Dichlorobenzene	ND	10	9.2	92		8.5	85		70-130	8		20
1,4-Dichlorobenzene	ND	10	9.1	91		8.4	84		70-130	8		20
Methyl tert butyl ether	ND	10	7.1	71		7.0	70		63-130	1		20
p/m-Xylene	ND	20	19	95		18	90		70-130	5		20
o-Xylene	ND	20	19	95		17	85		70-130	11		20
cis-1,2-Dichloroethene	ND	10	9.5	95		9.3	93		70-130	2		20
Dibromomethane	ND	10	9.3	93		8.8	88		70-130	6		20
1,2,3-Trichloropropane	ND	10	8.6	86		8.2	82		64-130	5		20
Acrylonitrile	ND	10	11	110		9.9	99		70-130	11		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Lab Number: L2607895

Project Number: 170487001

Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2176792-6 WG2176792-7 QC Sample: L2607895-02 Client ID: RMW09_021226												
Styrene	ND	20	18	90		17	85		70-130	6		20
Dichlorodifluoromethane	ND	10	7.8	78		8.0	80		36-147	3		20
Acetone	5.1	10	11	59		9.3	42	Q	58-148	17		20
Carbon disulfide	ND	10	9.7	97		8.9	89		51-130	9		20
2-Butanone	ND	10	14	140	Q	13	130		63-138	7		20
Vinyl acetate	ND	10	7.8	78		7.6	76		70-130	3		20
4-Methyl-2-pentanone	ND	10	9.2	92		8.9	89		59-130	3		20
2-Hexanone	ND	10	8.4	84		7.6	76		57-130	10		20
Bromochloromethane	ND	10	9.5	95		9.3	93		70-130	2		20
2,2-Dichloropropane	ND	10	8.2	82		7.8	78		63-133	5		20
1,2-Dibromoethane	ND	10	9.0	90		8.5	85		70-130	6		20
1,3-Dichloropropane	ND	10	9.5	95		9.0	90		70-130	5		20
1,1,1,2-Tetrachloroethane	ND	10	9.1	91		8.6	86		64-130	6		20
Bromobenzene	ND	10	9.0	90		8.6	86		70-130	5		20
n-Butylbenzene	ND	10	8.9	89		8.9	89		53-136	0		20
sec-Butylbenzene	ND	10	9.5	95		9.4	94		70-130	1		20
tert-Butylbenzene	0.92J	10	9.8	98		9.5	95		70-130	3		20
o-Chlorotoluene	ND	10	9.3	93		8.7	87		70-130	7		20
p-Chlorotoluene	ND	10	9.3	93		8.8	88		70-130	6		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 445 GERARD AVENUE

Project Number: 170487001

Lab Number: L2607895

Report Date: 02/18/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2176792-6 WG2176792-7 QC Sample: L2607895-02 Client ID: RMW09_021226												
1,2-Dibromo-3-chloropropane	ND	10	8.2	82		8.0	80		41-144	2		20
Hexachlorobutadiene	ND	10	8.0	80		8.7	87		63-130	8		20
Isopropylbenzene	3.7	10	13	93		12	83		70-130	8		20
p-Isopropyltoluene	ND	10	8.6	86		8.5	85		70-130	1		20
Naphthalene	ND	10	9.5	95		8.6	86		70-130	10		20
n-Propylbenzene	ND	10	10	100		9.5	95		69-130	5		20
1,2,3-Trichlorobenzene	ND	10	8.8	88		8.1	81		70-130	8		20
1,2,4-Trichlorobenzene	ND	10	9.0	90		8.1	81		70-130	11		20
1,3,5-Trimethylbenzene	ND	10	9.0	90		8.4	84		64-130	7		20
1,2,4-Trimethylbenzene	ND	10	9.2	92		8.5	85		70-130	8		20
1,4-Dioxane	ND	500	290	58		300	60		56-162	3		20
p-Diethylbenzene	ND	10	8.8	88		8.4	84		70-130	5		20
p-Ethyltoluene	ND	10	9.0	90		8.7	87		70-130	3		20
1,2,4,5-Tetramethylbenzene	ND	10	9.3	93		8.6	86		70-130	8		20
Ethyl ether	ND	10	8.1	81		8.0	80		59-134	1		20
trans-1,4-Dichloro-2-butene	ND	10	8.1	81		6.8	68	Q	70-130	17		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130

Matrix Spike Analysis **Batch Quality Control**

Project Name: 445 GERARD AVENUE

Lab Number: L2607895

Project Number: 170487001

Report Date: 02/18/26

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2176792-6 WG2176792-7 QC Sample: L2607895-02
 Client ID: RMW09_021226

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
4-Bromofluorobenzene	101		103		70-130
Dibromofluoromethane	98		99		70-130
Toluene-d8	103		102		70-130

Project Name: 445 GERARD AVENUE**Lab Number:** L2607895**Project Number:** 170487001**Report Date:** 02/18/26**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607895-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-02C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2607895-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Serial_No:02182613:03
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 445 GERARD AVENUE
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Data Qualifiers

estimated.

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

Project Name: 445 GERARD AVENUE
Project Number: 170487001

Lab Number: L2607895
Report Date: 02/18/26

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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

EPA 625.1: alpha-Terpineol

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

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

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

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

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

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

MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.

EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.

EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.

EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran, 1,3,5-Trichlorobenzene, Freon-113.

EPA 8270E: **NPW:** Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.

EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.

EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.

SM4500: **NPW:** Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH₃, NECi: NO₂, NO₃, ASTMD516.

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

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

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

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

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

Non-Potable Water

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

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

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

Microbiology: SM9223B-Colilert-QT; Enterolert-QT.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

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

Non-Potable Water

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

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

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO₃, NO₂, F_i, Cl, SO₄. **NECI Reductase:** NO₃, NO₂.

SM4500F-C, SM4500CI-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECI: NO₃, SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0: Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028

CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

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



CHAIN OF CUSTODY

PAGE 1 OF 1

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Langan
Address: 368 9th Ave, 8th Floor
New York, NY 10001
Phone: 212-474-5499

Fax:

Email: lesmail@langan.com☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 445 Gerard Avenue
Project Location: 445 Gerard Ave, Bronx NY
Project #: 170482001
Project Manager: Lamees Esmael
PACE Quote #:

Turn-Around Time

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

Date Due:

Time:

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All CAM methods for inorganic analyses require MS every 20 soil samples)

Please cc datamanagement/datavalidation@langan
CDevin@langan

Date Rec'd in Lab: 2/12/26PACE Job #: L2607895

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program NY Part 375 Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

ANALYSIS

Part 375 RLVS

SAMPLE HANDLING

Filtration _____
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

PACE Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
07895-01	BMW03_021226	2-12-26	12:05	GW	SM
02	BMW09_021226		13:05		
03	BMW14_021226		1440		
04	GWDUP01_021226				
05	FB01_021226		1330	FF0	
06	TB01_021226	kb	lab	kb	lab

MS/MSD

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

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



Sample Delivery Group Summary

Pace Job Number : L2607895

Received : 12-FEB-2026

Reviewer : Chris Tebeau

Account Name : Langan Engineering & Environmental

Project Number : 170487001

Project Name : 445 GERARD AVENUE

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.9	

Condition Information

- | | |
|--|-----|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|----|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|----|

ATTACHMENT D

DATA USABILITY SUMMARY REPORT

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Caroline Devin, Langan Senior Staff Engineer

From: Mariana Wissink, Langan Senior Staff Chemist

Date: February 26, 2026

Re: Data Usability Summary Report
For 445 Gerard Avenue
February 2026 Groundwater Samples
Langan Project No.: 170487003

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in February 2026 by Langan Engineering and Environmental Services at 445 Gerard Avenue. The samples were analyzed by Pace Analytical Services (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by SW-846 Method 8260D

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program “National Functional Guidelines for Organic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program “National Functional Guidelines for Inorganic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. The sample delivery group L2607895 underwent Tier 1 validation review.

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As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- R** – The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- J** – The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ** – The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- U** – The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as “R” are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

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MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2607895

The FB (FB01_021226) exhibited a detection of acetone (2.6 ug/l). The associated results in samples RMW03_021226, RMW09_021226, RMW14_021226, and GWDUP01_021226 are qualified as J or as U at the higher of the sample concentration and the reporting limit because of potential blank contamination.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

L2607895

The MS/MSD performed on sample RMW09_021226 exhibited percent recoveries outside control limits the UCL for 2-butanone (MS=140%), acetone (MSD=42%), and trans-1,4-dichloro-2-butene (MSD=68%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

FIELD DUPLICATES:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than $\pm X$ the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pair was compared to and met the precision criteria:

- GWDUP01_021226 and RMW03_021226

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CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Mariana Wissink
Senior Staff Chemist

**Data Usability Summary Report
For 445 Gerard Avenue
February 2026 Groundwater Samples
Table 1: Sample Summary**

Analytical Parameters				VOCs
SDG	Lab Sample ID	Client ID	Sample Date	SW8260D
L2607895	L2607895-01	RMW03_021226	2/12/2026	x
L2607895	L2607895-02	RMW09_021226	2/12/2026	x
L2607895	L2607895-03	RMW14_021226	2/12/2026	x
L2607895	L2607895-04	GWDUP01_021226	2/12/2026	x
L2607895	L2607895-05	FB01_021226	2/12/2026	x
L2607895	L2607895-06	TB01_021226	2/12/2026	x

Data Usability Summary Report
For 445 Gerard Avenue
February 2026 Groundwater Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total (T)/ Dissolved (D)	Analyte	Validator Qualifier
L2607895	RMW03_021226	SW8260D	67-64-1	NA	Acetone	U(5.0)
L2607895	RMW09_021226	SW8260D	67-64-1	NA	Acetone	U(5.1)
L2607895	RMW14_021226	SW8260D	67-64-1	NA	Acetone	U(5.0)
L2607895	GWDUP01_021226	SW8260D	67-64-1	NA	Acetone	J