

December 22, 2025

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

**RE: August 2025 Groundwater Monitoring Report  
Gerard Avenue and East 146<sup>th</sup> 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

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	Q3	Q4	Q4	Q5	Q6	Q6	Q7	Q8	Q8Q	Q9	August 2024	May 2025	May 2025	August 2025	August 2025		
			Location	RMW03																				
			Sample Name	RMW03_110520	RMW03_041521	RMW03_070821	RMW03_101121	GWV01_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_052925	DUP01_052925	RMW03_082925	GWV01_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	08/08/2024	05/29/2025	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	Result	Result	Result	Result		
<b>Volatile Organic Compounds</b>																								
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 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	<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	<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	<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	<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	<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	<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 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	<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	<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 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	<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	<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 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																	
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	<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	<2.5 U	1.6 J	1.5 J	<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	<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	<2 U	<2 U	<4 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	<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	<0.5 U	0.47 J	0.26 J	<0.5 U																	
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	0.17 J	<2 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	<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	<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 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	<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	<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 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																	
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 UJ	<250 U	<500 UJ	<250 U	<500 U	<250 U															
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<5 UJ	<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	<2.5 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	<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	<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	<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	2.6	<2 U	<4 U	<2 U	<4 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	<5 U	<5 U		
Acrylonitrile	107-13-1	5	ug/l	<5 UJ	<5 U	<10 UJ	<5 U	<10 U	<5 U	<5 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	3.9 J	5 J		
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	<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	<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 U	<0.5 U	<0.5 U		
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<4 U	<2 U	<4 U	<2 U															
Bromomethane	74-83-9	5	ug/l	<2.5 UJ	<2.5 U	<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									
Carbon Disulfide	75-15-0	60	ug/l	<5 UJ	1.8 J	<10 UJ	<5 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<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	<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		
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 U	<2.5 U	<2.5 U		
Chloroethane	75-00-3	5	ug/l	<2.5 UJ	<2.5 U	<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									
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	<2.									



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	Q5	Q6	Q7	Q8	Q9	August 2024	May 2025	August 2025	
			Location	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													
<b>Volatile Organic Compounds</b>																	
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	<2.5 U	<2.5 U	<5 U	<2.5 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	<2.5 U	<2.5 U	<5 U	<2.5 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	<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	<5 UJ	39	28	<25 UJ	<10 U	<5 U	<5 U	4.1 J	<5 U	<20 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 U	<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	3.5 J	<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	<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
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	<25 UJ
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	<5 UJ
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	<50 UJ
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	<50 UJ
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	<2.5 U	<2.5 UJ	<5 U	<2.5 U	<2.5 U	<5 U	<5 U	<25 UJ
Ethylbenzene	100-41-4	5	ug/l	160	55	64	60	210	120	130	200	160	200	27	28	<5 U	<25 UJ
Hexachlorobutadiene	87-68-3	0.5	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
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	160	170	110	120	97	73	46	92	73	100	78	68	<5 U	<25 UJ
M,P-Xylene	179601-23-1	5	ug/l	38	19	22	22	73	5.4	12	27	13	11	4	2.4 J	<5 U	<25 UJ
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<10 UJ	60	<5 UJ	<5 UJ	<25 UJ	<5 UJ	52	37 J	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<10 UJ	5.5 J	6.3 J	6 J	<25 UJ	1.3 J	1.8 J	7.9	<10 U	<5 U	<5 U	<10 U	<10 U	<50 UJ
Methylene Chloride	75-09-2	5	ug/l	<5 U	<5 U	<2.5 U	<2.5 U	<12 U	<2.5 U	0.85 J	<2.5 U	<5 U	<2.5 U	0.73 J	<5 U	<5 U	<25 UJ
Naphthalene	91-20-3	10	ug/l</														

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.

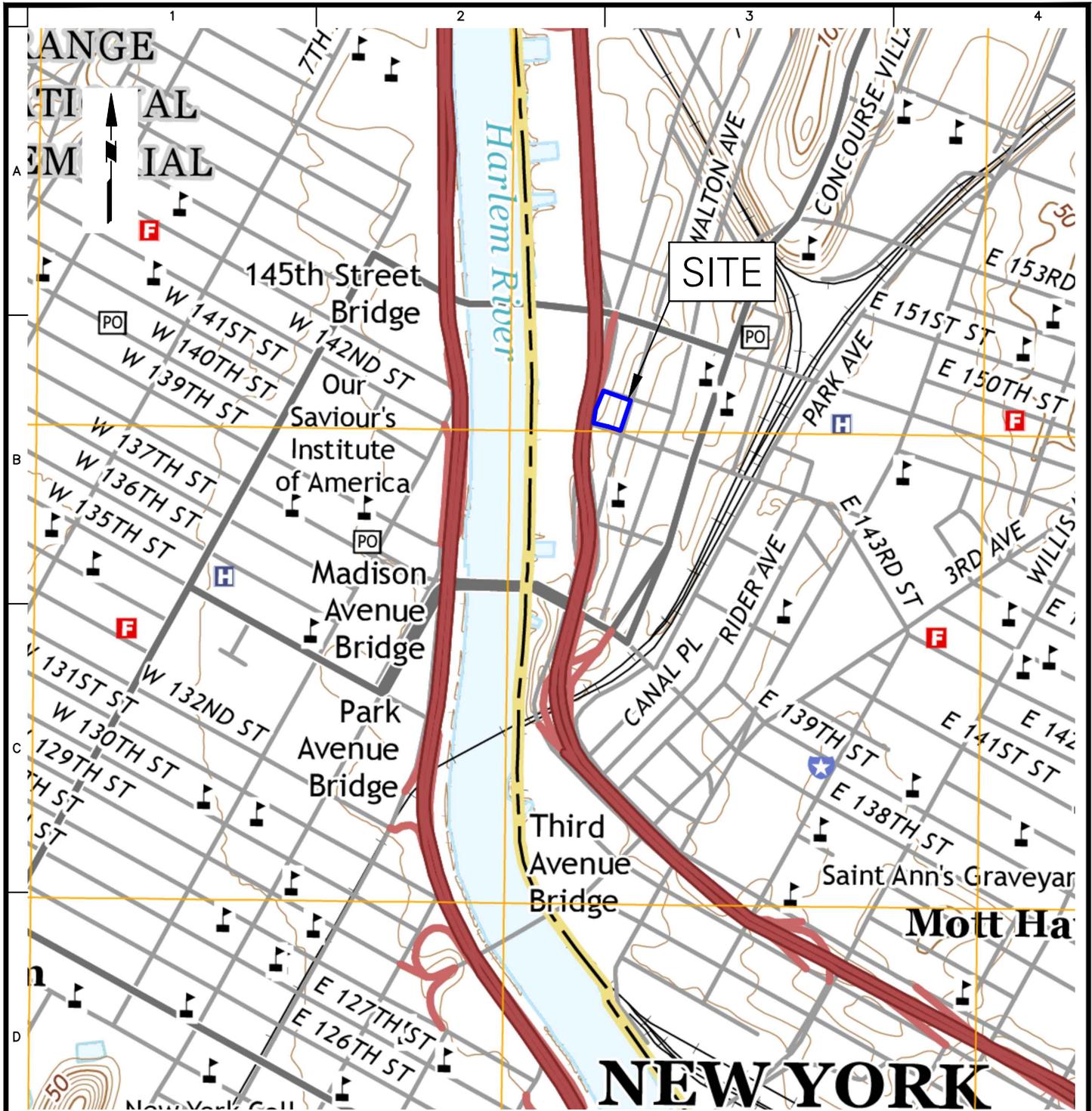
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

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

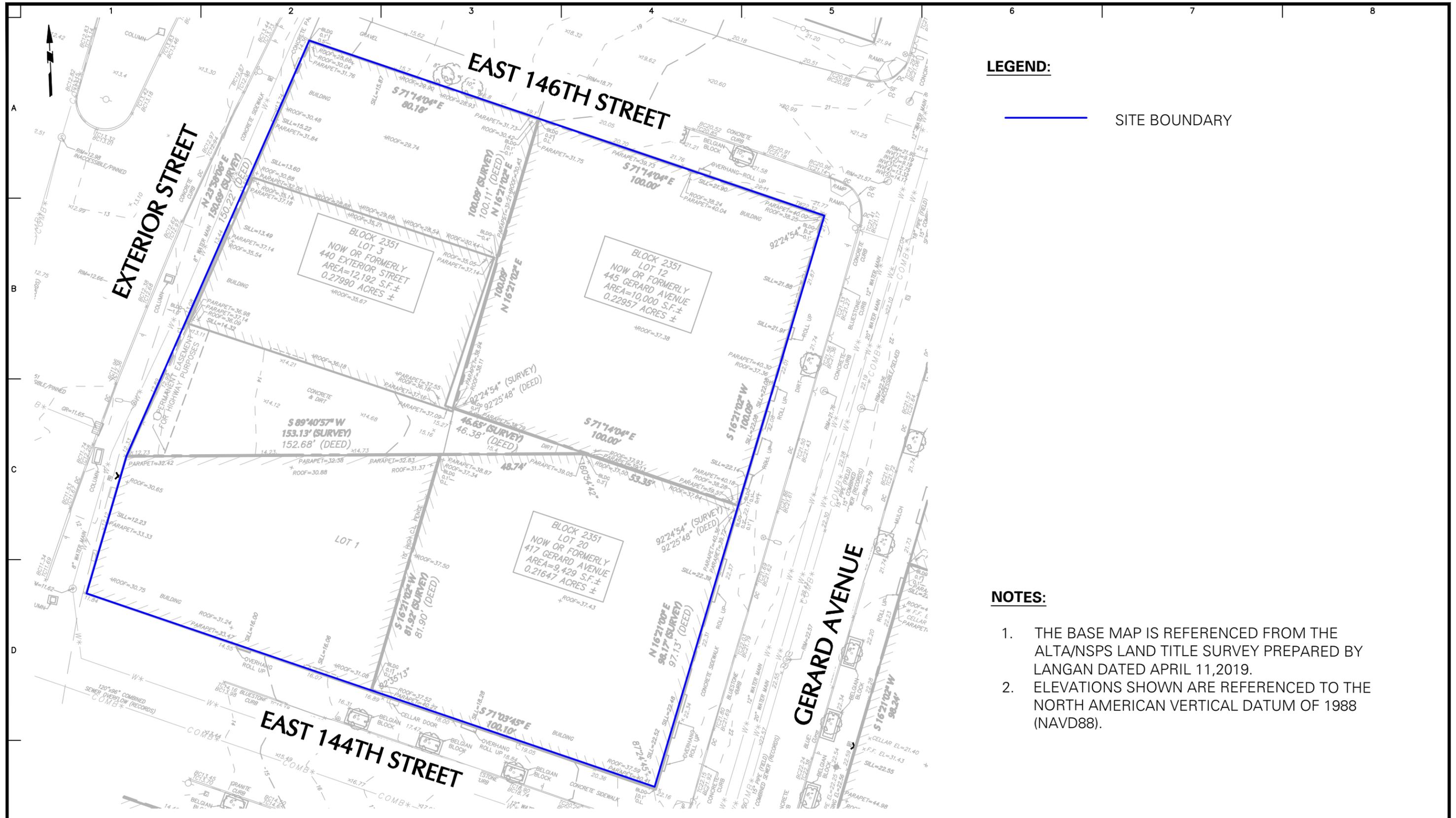
# FIGURES



— SITE BOUNDARY

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

<b>LANGAN</b> 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	Figure Title	Project No.	Figure No.
	<b>GERARD AVENUE AND EAST 146TH STREET</b>	<b>SITE LOCATION MAP</b>	170487003	<b>1</b>
	BLOCK No. 2351, LOT Nos. 1, 3, 12, & 20		Date 08/27/2021	
	BRONX NEW YORK		Drawn By LE	
			Checked By KS	

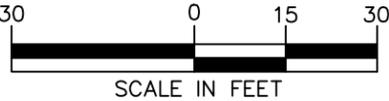


**LEGEND:**

— SITE BOUNDARY

**NOTES:**

1. THE BASE MAP IS REFERENCED FROM THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY LANGAN DATED APRIL 11, 2019.
2. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



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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 LAYOUT PLAN**

Project No.  
 170487003  
 Date  
 5/23/2019  
 Drawn By  
 RB  
 Checked By  
 JL

Figure No.  
**2**

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

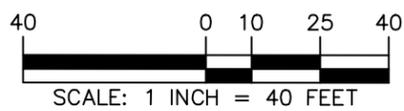
Sampling Event	August 2025
Location	RMW09
Sample Name	RMW09_082925
Sample Date	08/29/2025
<b>VOCs</b>	
Benzene	5.6 J

Sampling Event	August 2025
Location	RMW14
Sample Name	RMW14_082925
Sample Date	08/29/2025
<b>VOCs</b>	
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:**
1. THE BASE MAP IS REFERENCED FROM THE ALTA/NSPS LAND TITLE SURVEY PREPARED BY LANGAN DATED APRIL 11, 2019.
  2. GROUNDWATER MONITORING WELL LOCATIONS ARE APPROXIMATE.
  3. OFF-SITE MONITORING WELLS OMW-01 AND OMW-02 AND ON-SITE MONITORING WELLS RMW01 AND RMW10 WERE NOT SAMPLED DURING THIS EVENT.
  4. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
  5. 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)).
  6. RESULTS EXCEEDING THE SGVs ARE SHADED AND BOLDED.
  7. RESULTS ARE REPORTED IN MICROGRAMS PER LITER (µg/L).
  8. PER THE DECEMBER 2, 2024 GROUNDWATER TREATMENT WORK PLAN, PERFORMANCE MONITORING WAS ONLY CONDUCTED AT RMW03, RMW09, AND RMW14.
  9. 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.
  10. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

Analyte	NYSDEC SGVs
<b>VOCs</b>	
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 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

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

<b>EQUIPMENT:</b> RKI GX-6000 Photoionization detector (PID) Geo-Peristaltic pump Horiba U-52 multiparameter water quality meter Solonist water level meter	<b>PRESENT AT SITE:</b> <b>Langan:</b> Shawn Martin
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<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b> 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. <b>Site Activities</b> <ul style="list-style-type: none"><li>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.</li></ul> <b>Material Tracking</b> <ul style="list-style-type: none"><li>No material was exported from the site.</li><li>No material was imported to the site.</li></ul> <b>Sampling</b> <ul style="list-style-type: none"><li>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.</li></ul> <b>CAMP Activities</b> <ul style="list-style-type: none"><li>Community air monitoring was not implemented as ground intrusive work was not being performed.</li></ul> <b>Anticipated Activities</b> <p>Langan will continue to conduct quarterly sampling per the Groundwater Treatment Work Plan in November 2025.</p>
--

<b>Cc:</b> B. Gochenaur, M. Aronica, C. Devin (Langan)	<b>By:</b> Shawn Martin <b>LANGAN</b>
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**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 <b>LANGAN</b>
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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 <b>LANGAN</b>
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# **ATTACHMENT B**

WELL PURGING AND SAMPLING LOGS

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information			
<b>Project Name:</b>	445 Gerard Avenue	<b>Well No.:</b>	RMW03	<b>Water Quality Device Model:</b>	Horiba U-52	<b>Weather:</b>	Sunny, 70-80		RMW03_082925		
<b>Project Number:</b>	170487001	<b>Well Depth:</b>	15.75	<b>Pine Number:</b>	NLOB	<b>Background PID (ppm):</b>	0.00	<b>Sample(s):</b>	GWDUP01_082925		
<b>Site Location:</b>	Bronx, NY	<b>Well Diameter:</b>	2.00	<b>Pump Make and Model:</b>	Geo-Peristaltic Pump	<b>PID Beneath Inner Cap (ppm):</b>	0.90				
<b>Sampling Personnel:</b>	Shawn Martin	<b>Well Screen Interval:</b>	2.00 12.00	<b>Pine Number:</b>	GEO137	<b>Pump Intake Depth:</b>	15.00	<b>Sample Date:</b>	08/29/2025		
				<b>Tubing Diameter:</b>	1/4" HDPE	<b>Depth to Water Before Purge:</b>	10.51	<b>Sample Time:</b>	12:15		
<b>STABILIZATION = 3 successive readings within limits</b>											
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?
<b>BEGIN PURGING</b>											
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

**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
- 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
Project Number:	170487001	Well Depth:	16.90	Pine Number:	NLOB		Background PID (ppm):	0.00			MS/MSD collected
Site Location:	Bronx, NY	Well Diameter:	2.00	Pump Make and Model:	Geo-Peristaltic Pump		PID Beneath Inner Cap (ppm):	2.90		Sample Date:	08/29/2025
Sampling Personnel:	Shawn Martin	Well Screen Interval:	16.00	Pine Number:	GEO137		Pump Intake Depth:	16.00		Sample Time:	13:20
			26.00	Tubing Diameter:	1/4" HDPE		Depth to Water Before Purge:	10.88			
<i>STABILIZATION = 3 successive readings within limits</i>											
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?
<b>BEGIN PURGING</b>											
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:**
- 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	
<b>Project Name:</b>	445 Gerard Avenue	<b>Well No:</b>	RMW14	<b>Water Quality Device Model:</b>	Horiba U-52		<b>Weather:</b>	Sunny, 70-80		<b>Sample(s):</b>	RMW14_082925
<b>Project Number:</b>	170487001	<b>Well Depth:</b>	14.98	<b>Pine Number:</b>	NL0B		<b>Background PID (ppm):</b>	0.00			
<b>Site Location:</b>	Bronx, NY	<b>Well Diameter:</b>	2.00	<b>Pump Make and Model:</b>	Geo-Peristaltic Pump		<b>PID Beneath Inner Cap (ppm):</b>	2.40		<b>Sample Date:</b>	08/29/2025
<b>Sampling Personnel:</b>	Shawn Martin	<b>Well Screen Interval:</b>	4.00	<b>Pine Number:</b>	GEO137		<b>Pump Intake Depth:</b>	14.50		<b>Sample Time:</b>	14:50
		<b>Interval:</b>	14.00	<b>Tubing Diameter:</b>	1/4" HDPE		<b>Depth to Water Before Purge:</b>	12.50			
<b>STABILIZATION = 3 successive readings within limits</b>											
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?
<b>BEGIN PURGING</b>											
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											
<b>Notes:</b>											
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											
<b>LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.</b>											
368 Ninth Avenue, 8th Floor, New York											

# **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).

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



**Project Name:** 445 GERARD AVENUE  
**Project Number:** 170487001

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

<b>Lab Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
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.

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**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  
 Client ID: RMW03\_082925  
 Sample Location: 445 GERARD AVE, BRONX, NY

Date Collected: 08/29/25 12:15  
 Date Received: 08/29/25  
 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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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  
 Client ID: RMW09\_082925  
 Sample Location: 445 GERARD AVE, BRONX, NY

Date Collected: 08/29/25 13:20  
 Date Received: 08/29/25  
 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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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	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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
1,1,1,2-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  
 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:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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  
 Client ID: GWDUP01\_082925  
 Sample Location: 445 GERARD AVE, BRONX, NY

Date Collected: 08/29/25 00:00  
 Date Received: 08/29/25  
 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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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  
 Client ID: FB01\_082925  
 Sample Location: 445 GERARD AVE, BRONX, NY

Date Collected: 08/29/25 15:00  
 Date Received: 08/29/25  
 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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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  
 Client ID: TB01\_082925  
 Sample Location: 445 GERARD AVE, BRONX, NY

Date Collected: 08/29/25 00:00  
 Date Received: 08/29/25  
 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
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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
1,1,2,2-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

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								
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

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								
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

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								
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
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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

**Lab Number:** L2554707

**Project Number:** 170487001

**Report Date:** 09/10/25

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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

**Lab Number:** L2554707

**Project Number:** 170487001

**Report Date:** 09/10/25

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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

**Lab Number:** L2554707

**Project Number:** 170487001

**Report Date:** 09/10/25

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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

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

**Matrix Spike Analysis**  
**Batch Quality Control**

**Project Name:** 445 GERARD AVENUE  
**Project Number:** 170487001

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

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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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

<b>Surrogate</b>	<b>MS</b>		<b>MSD</b>		<b>Acceptance Criteria</b>
	<b>% Recovery</b>	<b>Qualifier</b>	<b>% Recovery</b>	<b>Qualifier</b>	
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**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
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**

<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
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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  
**Project Number:** 170487001

**Lab Number:** L2554707  
**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 LLC**

ID No.:17873

Facility: **Northeast**

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

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, NO<sub>2</sub>, NO<sub>3</sub>.**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 LLC**

ID 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.

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

 <b>NEW YORK CHAIN OF CUSTODY</b> Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		<b>Service Centers</b> Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1		Date Rec'd in Lab <b>8/30/25</b>		Pace Job # <b>L2554707</b>	
				of 1					
Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		<b>Project Information</b> Project Name: <b>445 Gerard Avenue</b> Project Location: <b>445 Gerard Ave, Bronx NY</b> Project # <del>170482001</del> <b>170482001</b> (Use Project name as Project #) <input type="checkbox"/>				<b>Deliverables</b> <input checked="" type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<b>Billing Information</b> <input type="checkbox"/> Same as Client Info PO #	
		Project Manager: <b>Megan Aronson</b> PACE Quote #:				<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities: Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
<b>Client Information</b> Client: <b>Langan</b> Address: <b>3689th Ave, 8th floor</b> <b>New York, NY, 10001</b> Phone: <b>212-479-5499 x 5680</b> Fax: Email: <b>Maronica@langan.com</b>		<b>Turn-Around Time</b> Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		<b>ANALYSIS</b> Part 375 TCU Vials				<b>Sample Filtration</b> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <b>Preservation</b> <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments	
These samples have been previously analyzed by Pace <input type="checkbox"/> <b>Other project specific requirements/comments:</b> please also send to <a href="mailto:data.management@langan.com">data.management@langan.com</a> / <a href="mailto:data.validation@langan.com">data.validation@langan.com</a> cc: <a href="mailto:Maronica@langan.com">Maronica@langan.com</a> and <a href="mailto:CDevin@langan.com">CDevin@langan.com</a> Please specify Metals or TAL.									
PACE Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
<b>54707-01</b>		<b>RMW03-082925</b>		<b>8-29-25 12:15</b>		<b>GW</b>		<b>SM</b>	
<b>02</b>		<b>RMW04-082925</b>		<b>13:20</b>		<b>GW</b>			
<b>03</b>		<b>RMW14-082925</b>		<b>14:50</b>		<b>GW</b>			
<b>04</b>		<b>GWDP01-082925</b>				<b>GW</b>			
<b>05</b>		<b>SMW01-082925</b>		<b>15:00</b>		<b>DIW</b>			
<b>06</b>		<b>SMW02-082925</b>		<b>lab</b>		<b>DIW</b>			
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative	
Form No: 01-25 HC (rev. 29-Jan-2025)		Relinquished By: <b>Shawn Mastick</b> <b>SSM</b>		Date/Time: <b>8-29-25 12:30</b> <b>8-29-25</b> <b>8/29/25</b>		Received By: <b>J. SMT</b> <b>[Signature]</b>		Date/Time: <b>8-29-25 15:30</b> <b>8/29/25 18:57</b> <b>8/29 2200</b> <b>8/30/25 02:00</b>	

Total Bottles



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

### Volatile Organics/VPH

- |  |           |
|--|-----------|
| 1) Reagent Water Vials Frozen by Client? | <b>NO</b> |
|--|-----------|

# **ATTACHMENT D**

DATA USABILITY SUMMARY REPORT

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

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**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

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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

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

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## **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

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## 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:

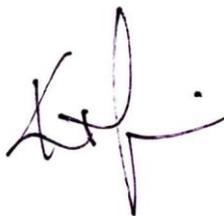
- GWDUP01\_082925 and RMW03\_082925

## 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:



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  
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	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

**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	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

**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	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

**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	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