



**AMC Engineering PLLC**

18-36 42<sup>nd</sup> Street  
Astoria, NY 11105  
O: 718.545.0474

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December 30, 2025

Mr. Rafi Alam  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway, Albany, New York 12233

**Re:    *Quarterly Groundwater Sampling Report – Fourth Quarter 2025***  
***69-02 Queens Boulevard***  
***46-09 69<sup>th</sup> Street and 46-10 70<sup>th</sup> Street Woodside, New York 11377***  
***NYSDEC BCP Number: C241235***

Dear Mr. Alam:

Please find enclosed the Quarterly Groundwater Sampling Report for the above-mentioned project for the Fourth quarter of 2025 (4Q2025). In accordance with the Site Management Plan (SMP), a round of groundwater sampling was performed, on October 7<sup>th</sup>, 2025, for 19MW9, 20MW10, and 20MW11R.

If you have any questions or comments regarding the attached report, please do not hesitate to contact me.

Very truly yours,  
Ariel Czemerinski, PE



**69-02 QUEENS BOULEVARD SITE**  
**NYSDEC BCP Number C241235**  
**Project Status Report**  
**Fourth Quarter of 2025**

**Reporting Summary**

|                                     |                                                                                                                |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Report Date:</b>                 | October 24, 2025                                                                                               |
| <b>Reporting Period:</b>            | 4 <sup>th</sup> Quarter of 2025                                                                                |
| <b>Site Status:</b>                 | Construction of the building is complete.                                                                      |
| <b>Work Performed this Quarter:</b> | October 7 <sup>th</sup> , 2025 - Quarterly groundwater samples were collected from the three monitoring wells. |
| <b>Remediation Status:</b>          | No chemical oxidant events were performed during this period.                                                  |

**Monitoring Program Summary**

|                             |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
| <b>No. Wells:</b>           | 3 on-site monitoring wells (19MW9, 20MW10, 20MW11R).                                                |
| <b>Gauging Frequency:</b>   | Quarterly for the three monitoring wells.                                                           |
| <b>Sampling Frequency:</b>  | Quarterly for the three monitoring wells (19MW9, 20MW10, and 20MW11R).                              |
| <b>Reporting Frequency:</b> | Groundwater Sampling Report (Quarterly).                                                            |
| <b>Groundwater Depth:</b>   | 7.84 to 9.56 ft (depth from top of casing).                                                         |
| <b>Monitoring Results:</b>  | No product was detected within any of the monitoring wells.                                         |
| <b>Sampling Results:</b>    | VOCs were detected above NYSDEC GQS in two of the three monitoring wells sampled during this event. |

**OXIDANT INJECTIONS:**

No chemical oxidant injections were performed during this period. Previously, chemical oxidant injections were performed on September 3, 2020, and June 2, 2021. A slow-release chemical oxidant application was performed via filter-socks in each of the three wells on April 17, 2025.



## **SUMMARY:**

In accordance with the approved Slow-Release Oxygen Compound Work Plan, the following activities were conducted:

1. On October 7<sup>th</sup>, 2025, AMC Engineering PLLC (AMC) mobilized to remove/reinstall slow-release oxygen filter socks in the three wells onsite, 19MW9, 20MW10, and 20MW11R. A total of seven (7) socks were removed in 19MW9, four (4) socks were removed in 20MW10, and two (2) socks were removed in 20MR11R.
2. Each of the three wells were sampled prior to reinstallation of the socks.



## LIQUID LEVEL MONITORING:

Depth to water readings were taken from the three monitoring wells with an electronic interface meter prior to purging the wells for sampling. It should be noted that filter socks were installed and removed during the monitoring period. Oxidation socks are designed to be submerged in groundwater to release oxygen and enhance bioremediation. When the socks are in place, they occupy a significant volume within the well casing, displacing an equivalent volume of groundwater. When the socks are removed, the space they occupy is filled by the groundwater that was surrounding the well casing. This influx of water from the surrounding aquifer can cause the water level within the well to temporarily drop, leading to higher depth-to-water readings. Some time was allowed to pass before the depth-to-water measurement, however, due to the poor recharge of the surrounding aquifer, the water level did not equilibrate when the measurement was taken. Therefore, a lower depth-to-water reading was measured. No Liquid Phase Hydrocarbons (LPH) were detected in any of the monitoring wells during this quarter.

A top of casing survey was performed on 11/18/2024 by Meridian Layout Inc. to obtain the new top of casing elevation for the three wells, see **Appendix B**. Groundwater elevations, determined from the depth to water readings and casing elevation, can be found in **Table 1**. The groundwater flow direction was to the west during this quarter, see **Figure 2**.

## GROUNDWATER SAMPLING:

The 4Q2025 groundwater sampling event was performed on October 7<sup>th</sup>, 2025. The groundwater samples were collected from 19MW9, 20MW10, and 20MW11R in accordance with the low-flow groundwater sampling procedures outlined within the SMP. The location of all site monitoring wells and historical Total VOC concentrations in GW can be found in **Figure 1**. Copies of the Well Purging-Field Water Quality Measurements Forms are attached as **Appendix A**. The groundwater samples were picked up by laboratory dispatched courier and delivered to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP-certified environmental laboratory (ELAP Certification No. 11301). The groundwater samples were submitted for laboratory analysis of volatile organic compounds (VOCs) via EPA Method 8260C.

The laboratory results are summarized and compared to their appropriate standards/criteria in **Table 2** and to previous sampling events in **Table 3**.

## GROUNDWATER SAMPLING RESULTS:

19MW9 – All VOC levels reported for the 4Q2025 sample met the NYSDEC GQS.

20MW10 – The following compounds were found in exceedance to the NYSDEC GQS during the 4Q2025 period: Benzene (Limit 1 ug/L) was found at 6.5 ug/L; Isopropylbenzene (Limit 5 ug/L) was found at 23 ug/L; n-Butylbenzene (Limit 5 ug/L) was found at 7.3 ug/L; n-Propylbenzene (Limit 5 ug/L) was found at 90 ug/L; and sec-Butylbenzene (Limit 5 ug/L) was found at 15 ug/L.



20MW11R – The following compound was found in exceedance to the NYSDEC GQS during the 4Q2025 period: Chloroform (Limit 7 ug/L) was found at 27 ug/L.

**GROUNDWATER VOC CONCENTRATION TRENDS:**

As shown in **Graphs 1-3**, total VOC concentrations decreased in two of the wells (19MW9 and 20MW10), while total VOC concentrations increased in well 20MW11R.

**FUTURE PLANS / RECOMMENDATIONS:**

Quarterly groundwater sampling will continue as outlined by the SMP until otherwise noted by the Department.



AMC Engineering PLLC

Quarterly Sampling Report  
2025 Fourth Quarter (4Q2025)  
69-02 Queens Boulevard Site (C-241235)  
69-02 Queens Boulevard, Queens, New York

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## **TABLES**

69-02 Queens Boulevard Site  
62-02 Queens Boulevard, Queens, New York

Table 1  
Well Survey Data

| Depth to Water Readings |                       |                          |                           |                        |                        |     |    |                      |
|-------------------------|-----------------------|--------------------------|---------------------------|------------------------|------------------------|-----|----|----------------------|
| Well No.                | Well Diameter<br>(in) | Total Well<br>Depth (ft) | Screened<br>Interval (ft) | Survey<br>Reading (ft) | DTW (ft)<br>10/07/2025 | DTP | PT | GW ELV<br>02/27/2024 |
| 19MW9                   | 2                     | 13.8                     | 4 to 13.8                 | 25.69                  | 9.56                   | -   | -  | 18.57                |
| 20MW10                  | 2                     | 9.75                     | 3 to 9.75                 | 25.74                  | 8.49                   | -   | -  | 18.70                |
| 20MW11R                 | 1                     | 8.4                      | 4 to 8.4                  | 25.67                  | 7.84                   | -   | -  | 19.03                |

Table 2  
69-02 Queens Boulevard Site  
69-02 Queens Boulevard, Queens, New York  
Groundwater Analysis Results

| Compound                    | NYSDEC<br>Groundwater<br>Quality<br>Standards | 19MW9     |         | 20MW10    |         | 20MW11R   |         |
|-----------------------------|-----------------------------------------------|-----------|---------|-----------|---------|-----------|---------|
|                             |                                               | 10/7/2025 |         | 10/7/2025 |         | 10/7/2025 |         |
|                             |                                               | µg/L      | Results | RL        | Results | RL        | Results |
| 1,1,1,2-Tetrachloroethane   | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,1,1-Trichloroethane       | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| 1,1,2,2-Tetrachloroethane   | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,1,2-Trichloroethane       | 1                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,1-Dichloroethane          | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| 1,1-Dichloroethene          | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,1-Dichloropropene         | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,2,3-Trichlorobenzene      |                                               | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,2,3-Trichloropropane      | 0.04                                          | < 0.25    | 0.25    | < 0.25    | 0.25    | < 0.25    | 0.25    |
| 1,2,4-Trichlorobenzene      |                                               | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,2,4-Trimethylbenzene      | 5                                             | < 1.0     | 1       | 2         | 1       | < 1.0     | 1       |
| 1,2-Dibromo-3-chloropropane | 0.04                                          | < 0.50    | 0.5     | < 0.50    | 0.5     | < 0.50    | 0.5     |
| 1,2-Dibromoethane           | 0.0006                                        | < 0.25    | 0.25    | < 0.25    | 0.25    | < 0.25    | 0.25    |
| 1,2-Dichlorobenzene         |                                               | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,2-Dichloroethane          | 0.6                                           | < 0.60    | 0.6     | < 0.60    | 0.6     | < 0.60    | 0.6     |
| 1,2-Dichloropropane         | 1                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,3,5-Trimethylbenzene      | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,3-Dichlorobenzene         | 3                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,3-Dichloropropane         | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 1,4-Dichlorobenzene         |                                               | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 2,2-Dichloropropane         | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 2-Chlorotoluene             | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 2-Hexanone                  | 50                                            | < 2.5     | 2.5     | < 2.5     | 2.5     | < 2.5     | 2.5     |
| 2-Isopropyltoluene          | 5                                             | < 1.0     | 1       | 2.9       | 1       | < 1.0     | 1       |
| 4-Chlorotoluene             | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| 4-Methyl-2-pentanone        |                                               | < 2.5     | 2.5     | < 2.5     | 2.5     | < 2.5     | 2.5     |
| Acetone                     | 50                                            | 11        | 5       | < 5.0     | 5       | 4.9       | 5       |
| Acrylonitrile               | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| Benzene                     | 1                                             | < 0.70    | 0.7     | 6.5       | 0.7     | < 0.70    | 0.7     |
| Bromobenzene                | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Bromochloromethane          | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Bromodichloromethane        | 50                                            | < 1.0     | 1       | < 1.0     | 1       | 2.6       | 1       |
| Bromoform                   | 50                                            | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| Bromomethane                | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| Carbon Disulfide            |                                               | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Carbon tetrachloride        | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Chlorobenzene               | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| Chloroethane                | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| Chloroform                  | 7                                             | < 5.0     | 5       | < 5.0     | 5       | 27        | 5       |
| Chloromethane               | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| cis-1,2-Dichloroethene      | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| cis-1,3-Dichloropropene     | 0.4                                           | < 0.40    | 0.4     | < 0.40    | 0.4     | < 0.40    | 0.4     |
| Dibromochloromethane        | 50                                            | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Dibromomethane              | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Dichlorodifluoromethane     | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Ethylbenzene                | 5                                             | < 1.0     | 1       | 0.56      | 1       | 1.9       | 1       |
| Hexachlorobutadiene         | 0.5                                           | < 0.50    | 0.5     | < 0.50    | 0.5     | < 0.50    | 0.5     |
| Isopropylbenzene            | 5                                             | < 1.0     | 1       | 23        | 1       | < 1.0     | 1       |
| m&p-Xylene                  |                                               | < 1.0     | 1       | 0.33      | 1       | 1.2       | 1       |
| Methyl ethyl ketone         | 50                                            | < 2.5     | 2.5     | < 2.5     | 2.5     | < 2.5     | 2.5     |
| Methyl t-butyl ether (MTBE) |                                               | 0.82      | 1       | 6.8       | 1       | < 1.0     | 1       |
| Methylene chloride          | 5                                             | < 3.0     | 3       | < 3.0     | 3       | < 3.0     | 3       |
| n-Butylbenzene              | 5                                             | < 1.0     | 1       | 7.3       | 1       | < 1.0     | 1       |
| n-Propylbenzene             | 5                                             | < 1.0     | 1       | 90        | 10      | 0.32      | 1       |
| Naphthalene                 | 10                                            | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| o-Xylene                    | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| p-Isopropyltoluene          | 5                                             | < 1.0     | 1       | 3.2       | 1       | < 1.0     | 1       |
| sec-Butylbenzene            | 5                                             | < 1.0     | 1       | 15        | 1       | < 1.0     | 1       |
| Styrene                     | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| tert-Butylbenzene           | 5                                             | < 1.0     | 1       | 0.33      | 1       | < 1.0     | 1       |
| Tetrachloroethene           | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Tetrahydrofuran (THF)       | 50                                            | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| Total Xylene                | 5                                             | < 1.0     | 1       | < 1.0     | 1       | 1.2       | 1       |
| Toluene                     | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| trans-1,2-Dichloroethene    | 5                                             | < 5.0     | 5       | < 5.0     | 5       | < 5.0     | 5       |
| trans-1,3-Dichloropropene   | 0.4                                           | < 0.40    | 0.4     | < 0.40    | 0.4     | < 0.40    | 0.4     |
| trans-1,4-dichloro-2-butene | 5                                             | < 2.5     | 2.5     | < 2.5     | 2.5     | < 2.5     | 2.5     |
| Trichloroethene             | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Trichlorofluoromethane      | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Trichlorotrifluoroethane    | 5                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| Vinyl chloride              | 2                                             | < 1.0     | 1       | < 1.0     | 1       | < 1.0     | 1       |
| BTEX                        |                                               | 0.00      |         | 7.06      |         | 3.10      |         |
| Total VOCs                  |                                               | 11.82     |         | 157.92    |         | 37.92     |         |

Results Exceed Criteria



[illegible]



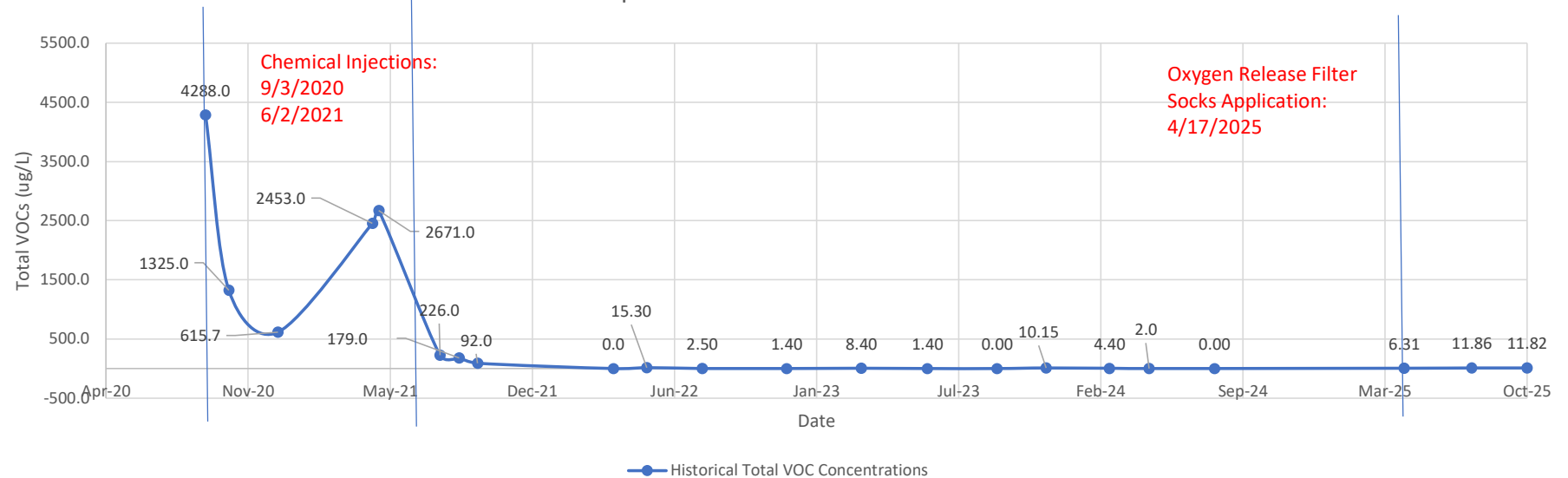
AMC Engineering PLLC

Quarterly Sampling Report  
2025 Fourth Quarter (4Q2025)  
69-02 Queens Boulevard Site (C-241235)  
69-02 Queens Boulevard, Queens, New York

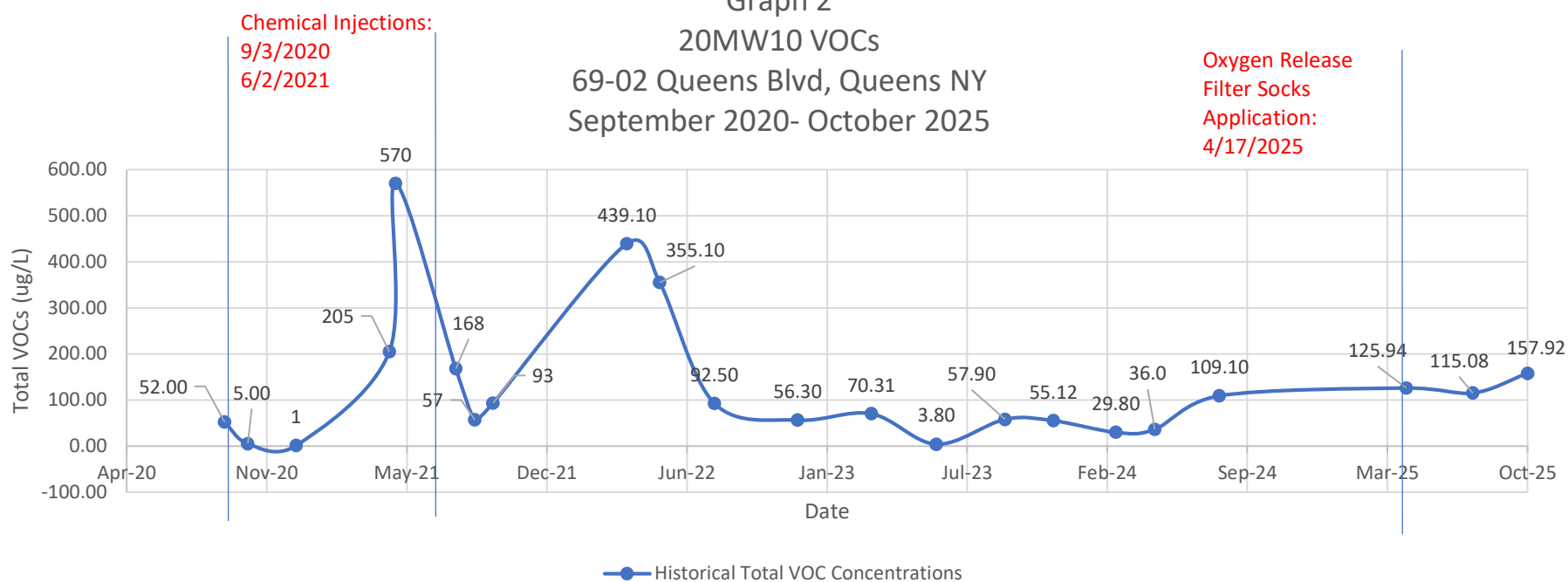
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# **GRAPHS**

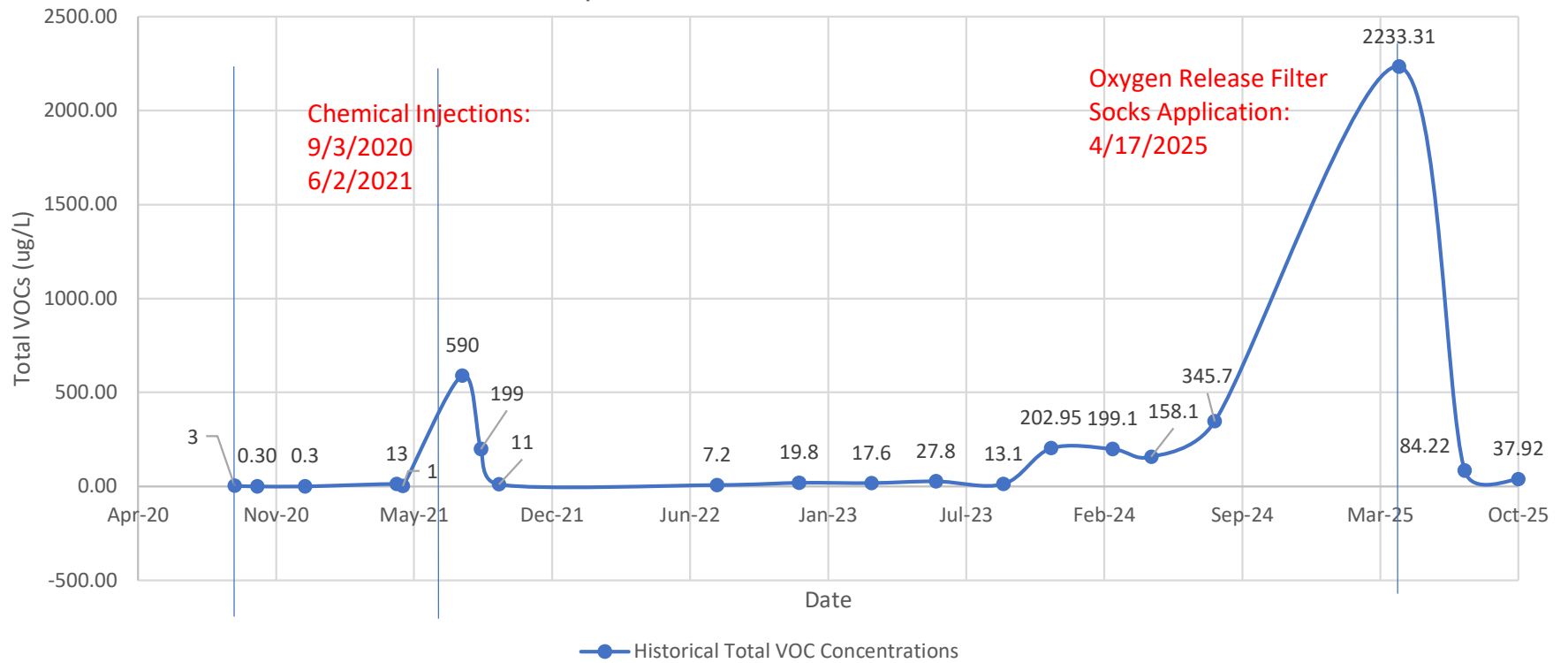
Graph 1  
19MW9 VOCs  
69-02 Queens Blvd, Queens NY  
September 2020 - October 2025



Graph 2  
20MW10 VOCs  
69-02 Queens Blvd, Queens NY  
September 2020- October 2025



Graph 3  
20MW11R VOCs  
69-02 Queens Blvd, Queens NY  
September 2020 - October 2025





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Quarterly Sampling Report  
2025 Fourth Quarter (4Q2025)  
69-02 Queens Boulevard Site (C-241235)  
69-02 Queens Boulevard, Queens, New York

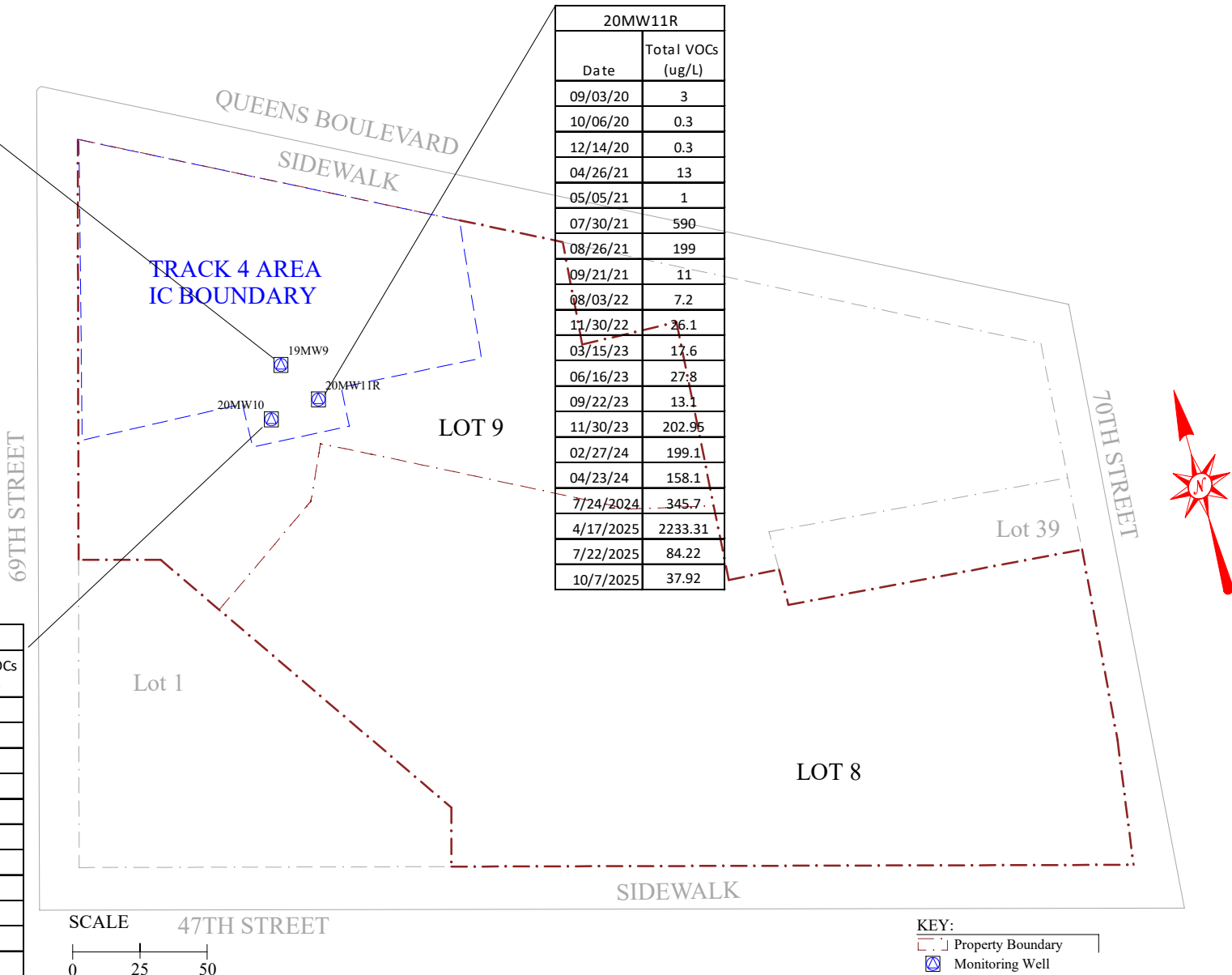
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## **FIGURES**

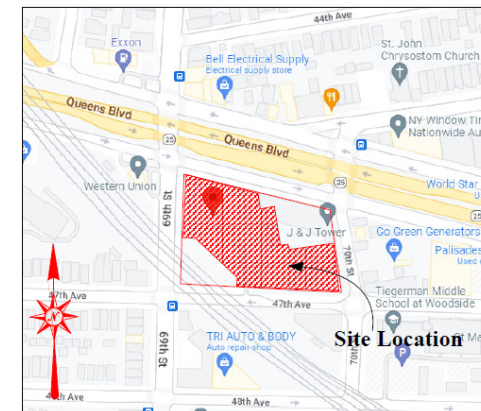
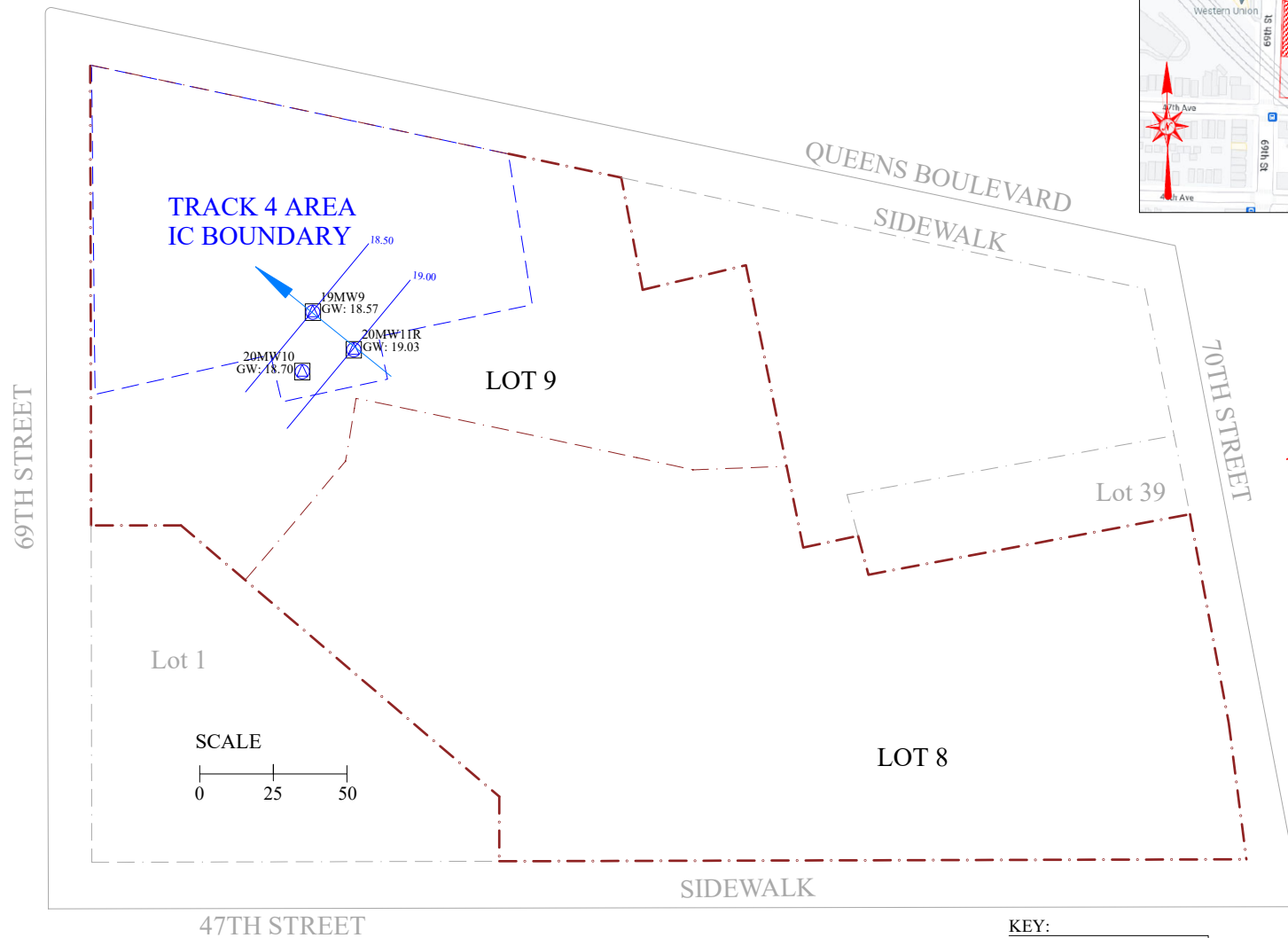
| 19MW9     |                   |
|-----------|-------------------|
| Date      | Total VOCs (ug/L) |
| 09/03/20  | 4288              |
| 10/06/20  | 1325              |
| 12/14/20  | 616               |
| 04/26/21  | 2453              |
| 05/05/21  | 2761              |
| 07/30/21  | 226               |
| 08/26/21  | 179               |
| 09/21/21  | 92                |
| 03/31/22  | 0                 |
| 05/17/22  | 15.3              |
| 08/03/22  | 2.5               |
| 11/30/22  | 1.4               |
| 03/15/23  | 8.4               |
| 06/16/23  | 1.4               |
| 09/22/23  | 0                 |
| 11/30/23  | 10.15             |
| 02/27/24  | 4.4               |
| 04/23/24  | 2.0               |
| 7/24/2024 | 0                 |
| 4/17/2025 | 6.31              |
| 7/22/2025 | 11.86             |
| 10/7/2025 | 11.82             |

| 20MW11R   |                   |
|-----------|-------------------|
| Date      | Total VOCs (ug/L) |
| 09/03/20  | 3                 |
| 10/06/20  | 0.3               |
| 12/14/20  | 0.3               |
| 04/26/21  | 13                |
| 05/05/21  | 1                 |
| 07/30/21  | 590               |
| 08/26/21  | 199               |
| 09/21/21  | 11                |
| 08/03/22  | 7.2               |
| 11/30/22  | 26.1              |
| 03/15/23  | 17.6              |
| 06/16/23  | 27.8              |
| 09/22/23  | 13.1              |
| 11/30/23  | 202.95            |
| 02/27/24  | 199.1             |
| 04/23/24  | 158.1             |
| 7/24/2024 | 345.7             |
| 4/17/2025 | 2233.31           |
| 7/22/2025 | 84.22             |
| 10/7/2025 | 37.92             |

| 20MW10    |                   |
|-----------|-------------------|
| Date      | Total VOCs (ug/L) |
| 09/03/20  | 52                |
| 10/06/20  | 5                 |
| 12/14/20  | 1                 |
| 04/26/21  | 205               |
| 05/05/21  | 570               |
| 07/30/21  | 168               |
| 08/26/21  | 57                |
| 09/21/21  | 93                |
| 03/31/22  | 439.1             |
| 05/17/22  | 355.1             |
| 08/03/22  | 92.5              |
| 11/30/22  | 56.3              |
| 03/15/23  | 70.31             |
| 06/16/23  | 3.8               |
| 09/22/23  | 57.9              |
| 11/30/23  | 55.12             |
| 02/27/24  | 29.8              |
| 04/23/24  | 36.0              |
| 7/24/2024 | 109.1             |
| 4/17/2025 | 125.94            |
| 7/22/2025 | 115.08            |
| 10/7/2025 | 157.92            |



|                    |                                                                                                                                                                             |                                                                                      |                                                        |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------|
| SEAL AND SIGNATURE |  <b>AMC ENGINEERING PLLC</b><br>18-36 42ND STREET<br>ASTORIA, NY 11105<br>718-545-0474 | PROJECT: 69-02 QUEENS BOULEVARD<br>49-06 60TH STREET/46-10 70TH STREET, WOODSIDE, NY |                                                        |
|                    |                                                                                                                                                                             | DATE: 10/22/2025                                                                     | DRAWING BY: AH<br>TITLE: FIGURE 1. GROUNDWATER RESULTS |



**KEY:**  
 Property Boundary  
 Monitoring Well

|                    |                                                                                                                                                                             |                                                                                            |                                                              |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| SEAL AND SIGNATURE |  <b>AMC ENGINEERING PLLC</b><br>18-36 42ND STREET<br>ASTORIA, NY 11105<br>718-545-0474 | PROJECT:<br>69-02 QUEENS BOULEVARD<br>49-06 60TH STREET/46-10 70TH STREET,<br>WOODSIDE, NY |                                                              |
|                    |                                                                                                                                                                             | DATE:<br>05/12/2025                                                                        | DRAWING BY:<br>AH<br>TITLE:<br>FIGURE 2. GROUNDWATER CONTOUR |



AMC Engineering PLLC

Quarterly Sampling Report  
2025 Fourth Quarter (4Q2025)  
69-02 Queens Boulevard Site (C-241235)  
69-02 Queens Boulevard, Queens, New York

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# **APPENDIX A**

## **WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORMS**



Well ID: 19MW9  
 Well Depth (from TOC): 13.8 ft  
 Depth to Water (from TOC)\*: 9.56 ft  
 Height of Water in Well: 4.24 ft  
 Gallons of Water per Well Volume: 0.692 gal  
 Flow Rate: 0.04 gal/min

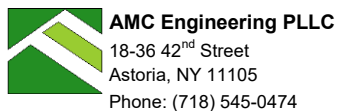
Date: 7-Oct-25  
 Equipment: Horiba and peristaltic pump

Field Sampler: Ahmed Elbadri

| Time    | Temp C | pH    | pHmV | ORP (mV) | Cond. (mS/cm) | Turbidity (NTU) | DO (mg/L) | TDS (g/L) | Salinity (ppt) | Specific gravity (σt) | Pump Rate | Gal Removed | Comments |
|---------|--------|-------|------|----------|---------------|-----------------|-----------|-----------|----------------|-----------------------|-----------|-------------|----------|
| 2:00 PM | 19.66  | 13.77 | -393 | -49      | 5.48          | 352             | 17.08     | 3.45      | 2.96           | 0.7                   | 0.04      | 0.2         |          |
| 2:05 PM | 19.33  | 13.53 | -379 | -43      | 3.83          | 1000            | 9.92      | 2.45      | 2.02           | 0                     | 0.04      | 0.2         | Cloudy   |
| 2:10 PM | 19.52  | 13.48 | -376 | -44      | 3.35          | 710             | 8.88      | 2.14      | 1.75           | 0                     | 0.04      | 0.2         |          |
| 2:15 PM | 19.68  | 13.42 | -373 | -50      | 3.01          | 494             | 8.05      | 1.92      | 1.56           | 0                     | 0.04      | 0.2         | Clear    |
| 2:20 PM | 19.8   | 13.37 | -370 | -57      | 2.81          | 241             | 7.42      | 1.8       | 1.46           | 0                     | 0.04      | 0.2         | Clear    |
| 2:25 PM | 19.86  | 13.34 | -369 | -60      | 2.72          | 248             | 7.13      | 1.74      | 1.41           | 0                     | 0.04      | 0.2         | Clear    |
| 2:30 PM | 19.87  | 13.34 | -369 | -60      | 2.72          | 240             | 7.1       | 1.7       | 1.41           | 0                     | 0.04      | 0.2         | Clear    |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|         |        |       |      |          |               |                 |           |           |                |                       |           |             |          |

Other Notes / Comments:  
 \*Please note - prior to this sampling event, filter socks were installed and removed before this measurement. Filter socks are expected to disrupt the equilibrium within the well since they occupy space within the well casing. This can cause the water level to drop slightly, leading to a higher depth-to-water reading. Due to the poor hydraulic conductivity of the aquifer at this site, the water level did not equilibrate quickly, and therefore the water level will be lower than usual.

Note: 150 mL = 0.04 gallons  
 Well was purged prior to noting of readings



Well ID: 20MW10  
 Well Depth (from TOC): 9.75 ft  
 Depth to Water (from TOC)\*: 8.49 ft  
 Height of Water in Well: 1.26 ft  
 Gallons of Water per Well Volume: 0.206 gal  
 Flow Rate: 0.04 gal/min

Date: 7-Oct-25  
 Equipment: Horiba and peristaltic pump

Field Sampler: Ahmed Elbadri

| Time     | Temp C | pH    | pHmV | ORP (mV) | Cond. (mS/cm) | Turbidity (NTU) | DO (mg/L) | TDS (g/L) | Salinity (ppt) | Specific gravity (gt) | Pump Rate | Gal Removed | Comments         |
|----------|--------|-------|------|----------|---------------|-----------------|-----------|-----------|----------------|-----------------------|-----------|-------------|------------------|
| 12:30 PM | 20.1   | 13.36 | -370 | -21      | 3.23          | 295             | 8.71      | 2.06      | 1.69           | 0                     | 0.04      | 0.2         | Clear, some silt |
| 12:35 PM | 20.19  | 13.23 | -363 | -35      | 2.28          | 362             | 6.89      | 1.46      | 1.17           | 0                     | 0.04      | 0.2         | Clear            |
| 12:40 PM | 20.19  | 13.22 | -362 | -36      | 2.24          | 324             | 6.9       | 1.44      | 1.15           | 0                     | 0.04      | 0.2         | Clear            |
| 12:45 PM | 20.15  | 13.15 | -358 | -37      | 1.95          | 232             | 7.07      | 1.25      | 0.99           | 0                     | 0.04      | 0.2         | Clear            |
| 12:50 PM | 20.16  | 13.11 | -355 | -37      | 1.82          | 160             | 7.37      | 1.17      | 0.92           | 0                     | 0.04      | 0.2         | Clear            |
| 12:55 PM | 20.13  | 13.08 | -354 | -37      | 1.76          | 136             | 7.46      | 1.12      | 0.89           | 0                     | 0.04      | 0.2         | Clear            |
| 1:00 PM  | 20.1   | 13.06 | -353 | -37      | 1.72          | 107             | 7.49      | 1.1       | 0.87           | 0                     | 0.04      | 0.2         | Clear            |
| 1:05 PM  | 20.08  | 13.03 | -351 | -37      | 1.67          | 91.8            | 7.49      | 1.07      | 0.84           | 0                     | 0.04      | 0.2         | Clear            |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |                  |

Other Notes / Comments:  
 \*Please note - prior to this sampling event, filter socks were installed and removed before this measurement. Filter socks are expected to disrupt the equilibrium within the well since they occupy space within the well casing. This can cause the water level to drop slightly, leading to a higher depth-to-water reading. Due to the poor hydraulic conductivity of the aquifer at this site, the water level did not equilibrate quickly, and therefore the water level will be lower than usual.

Note: 150 mL = 0.04 gallons  
 Well was purged prior to noting of readings

**AMC Engineering PLLC**18-36 42<sup>nd</sup> Street

Astoria, NY 11105

Phone: (718) 545-0474

Well ID: 20MW11R

Well Depth (from TOC): 8.4 ft

Depth to Water (from TOC)\*: 7.84 ft

Height of Water in Well: 0.56 ft

Gallons of Water per Well Volume: 0.160 gal

Flow Rate: 0.04 gal/min

Date: 7-Oct-25

Equipment: Horiba and peristaltic pump

Field Sampler: Ahmed Elbadri

| Time     | Temp C | pH    | pHmV | ORP (mV) | Cond. (mS/cm) | Turbidity (NTU) | DO (mg/L) | TDS (g/L) | Salinity (ppt) | Specific gravity (ot) | Pump Rate | Gal Removed | Comments |
|----------|--------|-------|------|----------|---------------|-----------------|-----------|-----------|----------------|-----------------------|-----------|-------------|----------|
| 9:45 AM  | 20.51  | 10.06 | -178 | 202      | 0.303         | 356             | 12.46     | 0.197     | 0.14           | 0                     | 0.04      | 0.2         | Cloudy   |
| 9:50 AM  | 20.6   | 10.12 | -182 | 179      | 0.302         | 334             | 9.88      | 0.196     | 0.14           | 0                     | 0.04      | 0.2         | Clear    |
| 9:55 AM  | 20.73  | 10.14 | -183 | 166      | 0.304         | 293             | 9.12      | 0.198     | 0.14           | 0                     | 0.04      | 0.2         | Clear    |
| 10:00 AM | 20.83  | 10.13 | -182 | 163      | 0.306         | 258             | 8.8       | 0.199     | 0.15           | 0                     | 0.04      | 0.2         | Clear    |
| 10:05 AM | 20.93  | 10.08 | -180 | 164      | 0.308         | 208             | 8.48      | 0.2       | 0.15           | 0                     | 0.04      | 0.2         | Clear    |
| 10:10 AM | 21.03  | 10.06 | -179 | 164      | 0.31          | 188             | 8.4       | 0.202     | 0.15           | 0                     | 0.04      | 0.2         | Clear    |
| 10:15 AM | 21.13  | 10.03 | -177 | 165      | 0.313         | 172             | 8.36      | 0.203     | 0.15           | 0                     | 0.04      | 0.2         | Clear    |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |
|          |        |       |      |          |               |                 |           |           |                |                       |           |             |          |

## Other Notes / Comments:

\*Please note - prior to this sampling event, filter socks were installed and removed before this measurement. Filter socks are expected to disrupt the equilibrium within the well since they occupy space within the well casing. This can cause the water level to drop slightly, leading to a higher depth-to-water reading. Due to the poor hydraulic conductivity of the aquifer at this site, the water level did not equilibrate quickly, and therefore the water level will be lower than usual.

Note: 150 mL = 0.04 gallons

Well was purged prior to noting of readings



AMC Engineering PLLC

Quarterly Sampling Report  
2025 Fourth Quarter (4Q2025)  
69-02 Queens Boulevard Site (C-241235)  
69-02 Queens Boulevard, Queens, New York

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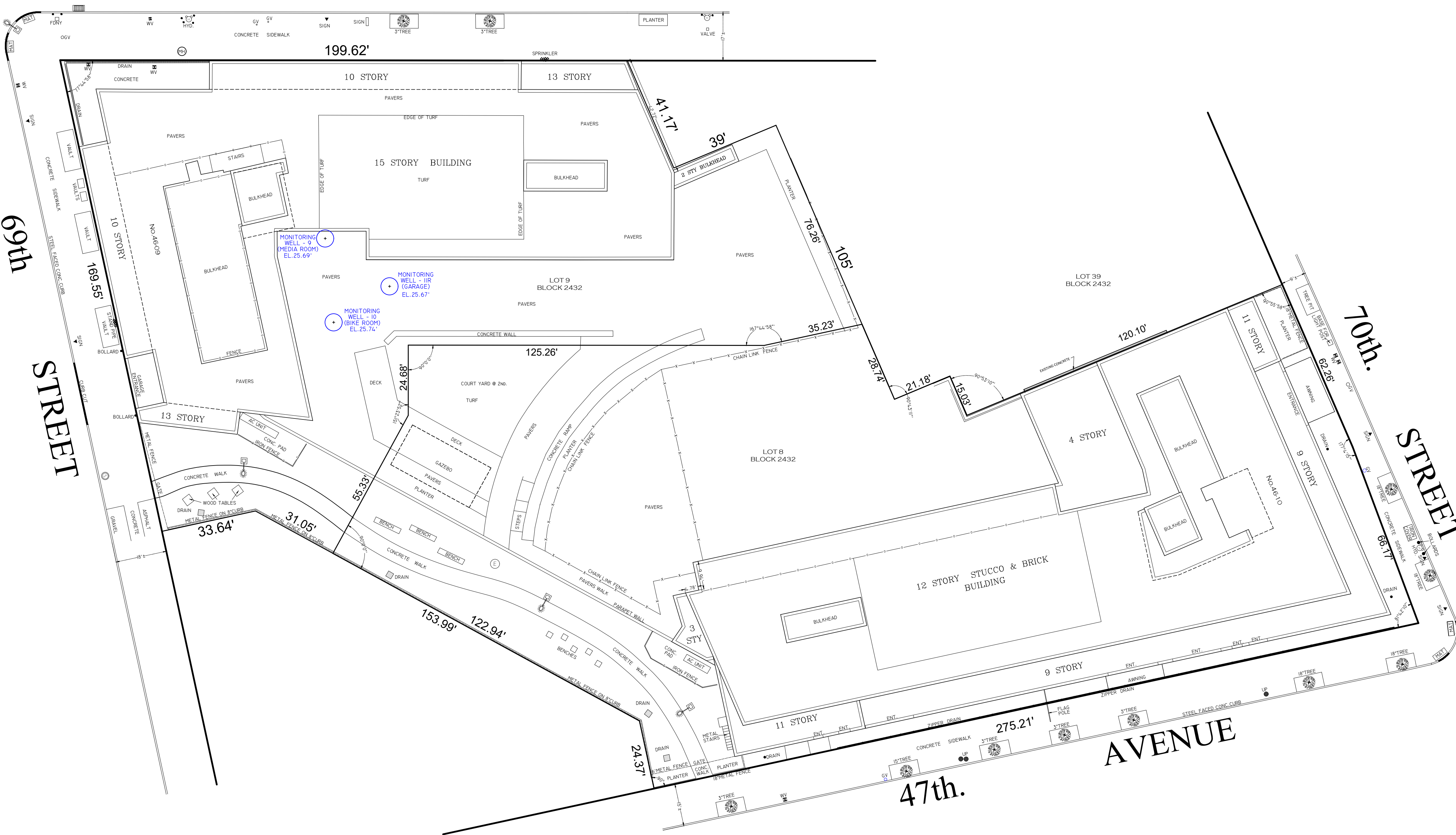
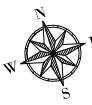
# **APPENDIX B**

## **MONITORING WELL SURVEY**

QUEENS

BOULEVARD

ADDRESSES  
46-10 70TH STREET  
46-09 69TH STREET  
QUEENS, NY



| DATE         | DESCRIPTION                        |
|--------------|------------------------------------|
| NOV.18, 2024 | MONITORING WELL ELEVATION AS BUILT |
|              |                                    |
| BLOCK        | 8 & 9                              |
| LOT          | 2432                               |
| SECTION      |                                    |
| COUNTY       | QUEENS                             |
| DWG BY       | A.G.                               |
| CHK'D BY     | J.A.                               |
| SCALE        | 1"= 22'                            |

NOTE:  
Unauthorized alterations or additions to this survey is a violation of section 7209 of the New York State education law. Copies of this survey map not bearing the land surveyor's inked seal or embossed seal shall not be considered to be a valid true copy. Guarantees or certifications indicated hereon shall run only to the person for whom the survey is prepared, and on his behalf to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Guarantees or certification are not transferable to additional institutions or subsequent owners.

CAUTION:  
1) Before performing any digging or drilling on this site, it is required that subsurface services, including the underground mains be marked and identified by the utility involved in compliance with industrial code 53 of New York State.  
2) All elevations refer to North America Vertical Datum of 1988 (NAVD 88 Datum).



3280 SUNRISE HWY, SUITE 341  
WANTAGH, NY 11793

TEL. 516-787-3299



AMC Engineering PLLC

Quarterly Sampling Report  
2025 Fourth Quarter (4Q2025)  
69-02 Queens Boulevard Site (C-241235)  
69-02 Queens Boulevard, Queens, New York

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# **APPENDIX C**

## **LABORATORY REPORTS**



Monday, November 17, 2025

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

Project ID: 69-02 QUEENS BOULEVARD, QUEENS  
SDG ID: GCU45705  
Sample ID#s: CU45705 - CU45709

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

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

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

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



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



**NY ANALYTICAL SERVICES PROTOCOL  
DATA PACKAGE**

**Client: AMC Engineering PLLC**  
**Project: 69-02 QUEENS BOULEVARD, QUEENS**  
**Laboratory Project: GCU45705**



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



# **NY Analytical Services Protocol Format**

**November 17, 2025**

**SDG I.D.: GCU45705**

**AMC Engineering PLLC 69-02 QUEENS BOULEVARD, QUEENS**

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## **Methodology Summary**

### **Volatile Organic Compounds:**

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



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



## NY Analytical Services Protocol Format

November 17, 2025

SDG I.D.: GCU45705

AMC Engineering PLLC 69-02 QUEENS BOULEVARD, QUEENS

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### Laboratory Chronicle

The samples in this delivery group were received at 1.3°C.

| Sample  | Analysis      | Collection Date | Prep Date | Analysis Date | Analyst | Hold Time Met |
|---------|---------------|-----------------|-----------|---------------|---------|---------------|
| CU45705 | Client MS/MSD | 10/07/25        | 10/09/25  | 10/09/25      |         | Y             |
| CU45705 | Volatiles     | 10/07/25        | 10/09/25  | 10/09/25      | MH      | Y             |
| CU45706 | Volatiles     | 10/07/25        | 10/10/25  | 10/10/25      | MH      | Y             |
| CU45707 | Volatiles     | 10/07/25        | 10/09/25  | 10/09/25      | MH      | Y             |
| CU45708 | Volatiles     | 10/07/25        | 10/09/25  | 10/09/25      | MH      | Y             |
| CU45709 | Volatiles     | 10/07/25        | 10/09/25  | 10/09/25      | MH      | Y             |



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



## SDG Comments

November 17, 2025

SDG I.D.: GCU45705

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8260 Volatile Organics:

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

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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



## Sample Id Cross Reference

November 17, 2025

SDG I.D.: GCU45705

Project ID: 69-02 QUEENS BOULEVARD, QUEENS

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| Client Id  | Lab Id  | Matrix       | Col Date       |
|------------|---------|--------------|----------------|
| 19MW9      | CU45705 | GROUND WATER | 10/07/25 14:50 |
| 19MW10     | CU45706 | GROUND WATER | 10/07/25 13:20 |
| 19MW11R    | CU45707 | GROUND WATER | 10/07/25 12:00 |
| DUPLICATE  | CU45708 | GROUND WATER | 10/07/25 14:45 |
| TRIP BLANK | CU45709 | WATER        | 10/07/25 0:00  |



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



# Analysis Report

November 17, 2025

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

## Sample Information

Matrix: GROUND WATER  
Location Code: AMC-ENG  
Rush Request: Standard  
P.O.#:

## Custody Information

Collected by:  
Received by: CP  
Analyzed by: see "By" below

Date Time  
10/07/25 14:50  
10/08/25 18:35

## Laboratory Data

SDG ID: GCU45705  
Phoenix ID: CU45705

Project ID: 69-02 QUEENS BOULEVARD, QUEENS  
Client ID: 19MW9

| Parameter     | Result    | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference |
|---------------|-----------|------------|-------------|-------|----------|-----------|----|-----------|
| Client MS/MSD | Completed |            |             |       |          | 10/09/25  |    |           |

## Volatiles

|                             |    |      |      |      |   |          |    |         |
|-----------------------------|----|------|------|------|---|----------|----|---------|
| 1,1,1,2-Tetrachloroethane   | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,1,1-Trichloroethane       | ND | 5.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,1,2,2-Tetrachloroethane   | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,1,2-Trichloroethane       | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,1-Dichloroethane          | ND | 5.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,1-Dichloroethene          | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,1-Dichloropropene         | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2,3-Trichlorobenzene      | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2,3-Trichloropropane      | ND | 0.25 | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2,4-Trichlorobenzene      | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2,4-Trimethylbenzene      | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2-Dibromo-3-chloropropane | ND | 0.50 | 0.50 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2-Dibromoethane           | ND | 0.25 | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2-Dichlorobenzene         | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2-Dichloroethane          | ND | 0.60 | 0.50 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,2-Dichloropropane         | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,3,5-Trimethylbenzene      | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,3-Dichlorobenzene         | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,3-Dichloropropane         | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 1,4-Dichlorobenzene         | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 2,2-Dichloropropane         | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 2-Chlorotoluene             | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 2-Hexanone                  | ND | 2.5  | 2.5  | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 2-Isopropyltoluene          | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |
| 4-Chlorotoluene             | ND | 1.0  | 0.25 | ug/L | 1 | 10/09/25 | MH | SW8260D |

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| 4-Methyl-2-pentanone        | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acetone                     | 11     | S 5.0      | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrolein                    | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrylonitrile               | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Benzene                     | ND     | 0.70       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromobenzene                | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromochloromethane          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromodichloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromoform                   | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromomethane                | ND     | 5.0        | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon Disulfide            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon tetrachloride        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chlorobenzene               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroethane                | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroform                  | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloromethane               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,2-Dichloroethene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,3-Dichloropropene     | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromochloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromomethane              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dichlorodifluoromethane     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Ethylbenzene                | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Hexachlorobutadiene         | ND     | 0.50       | 0.20        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Isopropylbenzene            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| m&p-Xylene                  | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl ethyl ketone         | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl t-butyl ether (MTBE) | 0.82   | J 1.0      | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methylene chloride          | ND     | 3.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Naphthalene                 | ND     | 1.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Butylbenzene              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Propylbenzene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| o-Xylene                    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| p-Isopropyltoluene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| sec-Butylbenzene            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Styrene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| tert-Butylbenzene           | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrachloroethene           | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrahydrofuran (THF)       | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Toluene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,2-Dichloroethene    | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,3-Dichloropropene   | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,4-dichloro-2-butene | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichloroethene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorofluoromethane      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorotrifluoroethane    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Vinyl chloride              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| <b>QA/QC Surrogates</b>     |        |            |             |       |          |           |    |            |
| % 1,2-dichlorobenzene-d4    | 98     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Bromofluorobenzene        | 91     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

1

| Parameter              | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|------------------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| % Dibromofluoromethane | 97     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Toluene-d8           | 100    |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

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

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

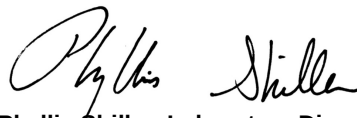
### **Comments:**

#### **Volatile Comment:**

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

S - Laboratory solvent, contamination is possible.

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



**Phyllis Shiller, Laboratory Director**

**November 17, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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



# Analysis Report

November 17, 2025

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

## Sample Information

Matrix: GROUND WATER  
Location Code: AMC-ENG  
Rush Request: Standard  
P.O.#:

## Custody Information

Collected by:  
Received by: CP  
Analyzed by: see "By" below

Date Time  
10/07/25 13:20  
10/08/25 18:35

## Laboratory Data

SDG ID: GCU45705  
Phoenix ID: CU45706

Project ID: 69-02 QUEENS BOULEVARD, QUEENS  
Client ID: 19MW10

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|-----------|
| <b>Volatiles</b>            |        |            |             |       |          |           |    |           |
| 1,1,1,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,1-Trichloroethane       | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2-Trichloroethane       | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethane          | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloropropene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichloropropane      | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trimethylbenzene      | 2.0    | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromo-3-chloropropane | ND     | 0.50       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromoethane           | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloroethane          | ND     | 0.60       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3,5-Trimethylbenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,4-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Hexanone                  | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Isopropyltoluene          | 2.9    | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Methyl-2-pentanone        | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| Acetone                     | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrolein                    | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrylonitrile               | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Benzene                     | 6.5    | 0.70       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromobenzene                | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromochloromethane          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromodichloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromoform                   | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromomethane                | ND     | 5.0        | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon Disulfide            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon tetrachloride        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chlorobenzene               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroethane                | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroform                  | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloromethane               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,2-Dichloroethene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,3-Dichloropropene     | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromochloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromomethane              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dichlorodifluoromethane     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Ethylbenzene                | 0.56   | J 1.0      | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Hexachlorobutadiene         | ND     | 0.50       | 0.20        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Isopropylbenzene            | 23     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| m&p-Xylene                  | 0.33   | J 1.0      | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl ethyl ketone         | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl t-butyl ether (MTBE) | 6.8    | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methylene chloride          | ND     | 3.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Naphthalene                 | ND     | 1.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Butylbenzene              | 7.3    | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Propylbenzene             | 90     | 10         | 2.5         | ug/L  | 10       | 10/10/25  | MH | SW8260D    |
| o-Xylene                    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| p-Isopropyltoluene          | 3.2    | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| sec-Butylbenzene            | 15     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Styrene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| tert-Butylbenzene           | 0.33   | J 1.0      | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrachloroethene           | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrahydrofuran (THF)       | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Toluene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,2-Dichloroethene    | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,3-Dichloropropene   | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,4-dichloro-2-butene | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichloroethene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorofluoromethane      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorotrifluoroethane    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Vinyl chloride              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| <b>QA/QC Surrogates</b>     |        |            |             |       |          |           |    |            |
| % 1,2-dichlorobenzene-d4    | 105    |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Bromofluorobenzene        | 96     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Dibromofluoromethane      | 98     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

1

| Parameter                      | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|--------------------------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| % Toluene-d8                   | 99     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % 1,2-dichlorobenzene-d4 (10x) | 106    |            |             | %     | 10       | 10/10/25  | MH | 70 - 130 % |
| % Bromofluorobenzene (10x)     | 90     |            |             | %     | 10       | 10/10/25  | MH | 70 - 130 % |
| % Dibromofluoromethane (10x)   | 100    |            |             | %     | 10       | 10/10/25  | MH | 70 - 130 % |
| % Toluene-d8 (10x)             | 102    |            |             | %     | 10       | 10/10/25  | MH | 70 - 130 % |

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

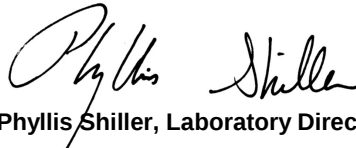
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

### **Comments:**

#### **Volatile Comment:**

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

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



**Phyllis Shiller, Laboratory Director**

**November 17, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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



# Analysis Report

November 17, 2025

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

## Sample Information

Matrix: GROUND WATER  
Location Code: AMC-ENG  
Rush Request: Standard  
P.O.#:

## Custody Information

Collected by:  
Received by: CP  
Analyzed by: see "By" below

Date Time  
10/07/25 12:00  
10/08/25 18:35

## Laboratory Data

SDG ID: GCU45705  
Phoenix ID: CU45707

Project ID: 69-02 QUEENS BOULEVARD, QUEENS  
Client ID: 19MW11R

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|-----------|
| <b>Volatiles</b>            |        |            |             |       |          |           |    |           |
| 1,1,1,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,1-Trichloroethane       | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2-Trichloroethane       | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethane          | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloropropene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichloropropane      | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trimethylbenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromo-3-chloropropane | ND     | 0.50       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromoethane           | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloroethane          | ND     | 0.60       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3,5-Trimethylbenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,4-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Hexanone                  | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Isopropyltoluene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Methyl-2-pentanone        | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By       | Reference  |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----------|------------|
| Acetone                     | 4.9    | JS         | 5.0         | 2.5   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Acrolein                    | ND     |            | 5.0         | 2.5   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Acrylonitrile               | ND     |            | 5.0         | 2.5   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Benzene                     | ND     |            | 0.70        | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Bromobenzene                | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Bromochloromethane          | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Bromodichloromethane        | 2.6    |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Bromoform                   | ND     |            | 5.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Bromomethane                | ND     |            | 5.0         | 0.50  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Carbon Disulfide            | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Carbon tetrachloride        | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Chlorobenzene               | ND     |            | 5.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Chloroethane                | ND     |            | 5.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Chloroform                  | 27     |            | 5.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Chloromethane               | ND     |            | 5.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| cis-1,2-Dichloroethene      | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| cis-1,3-Dichloropropene     | ND     |            | 0.40        | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Dibromochloromethane        | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Dibromomethane              | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Dichlorodifluoromethane     | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Ethylbenzene                | 1.9    |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Hexachlorobutadiene         | ND     |            | 0.50        | 0.20  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Isopropylbenzene            | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| m&p-Xylene                  | 1.2    |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Methyl ethyl ketone         | ND     |            | 2.5         | 2.5   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Methyl t-butyl ether (MTBE) | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Methylene chloride          | ND     |            | 3.0         | 1.0   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Naphthalene                 | ND     |            | 1.0         | 1.0   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| n-Butylbenzene              | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| n-Propylbenzene             | 0.32   | J          | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| o-Xylene                    | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| p-Isopropyltoluene          | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| sec-Butylbenzene            | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Styrene                     | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| tert-Butylbenzene           | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Tetrachloroethene           | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Tetrahydrofuran (THF)       | ND     |            | 5.0         | 2.5   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Toluene                     | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| trans-1,2-Dichloroethene    | ND     |            | 5.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| trans-1,3-Dichloropropene   | ND     |            | 0.40        | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| trans-1,4-dichloro-2-butene | ND     |            | 2.5         | 2.5   | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Trichloroethene             | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Trichlorofluoromethane      | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Trichlorotrifluoroethane    | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| Vinyl chloride              | ND     |            | 1.0         | 0.25  | ug/L     | 1         | 10/09/25 | MH SW8260D |
| <b>QA/QC Surrogates</b>     |        |            |             |       |          |           |          |            |
| % 1,2-dichlorobenzene-d4    | 103    |            |             | %     | 1        | 10/09/25  | MH       | 70 - 130 % |
| % Bromofluorobenzene        | 88     |            |             | %     | 1        | 10/09/25  | MH       | 70 - 130 % |
| % Dibromofluoromethane      | 93     |            |             | %     | 1        | 10/09/25  | MH       | 70 - 130 % |

1

| Parameter    | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|--------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| % Toluene-d8 | 98     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

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

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

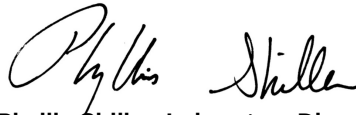
**Comments:**

**Volatile Comment:**

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

S - Laboratory solvent, contamination is possible.

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



**Phyllis Shiller, Laboratory Director**

**November 17, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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



## Analysis Report

November 17, 2025

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

### Sample Information

Matrix: GROUND WATER  
Location Code: AMC-ENG  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: CP  
Analyzed by: see "By" below

### Date

10/07/25 14:45  
10/08/25 18:35

### Time

## Laboratory Data

SDG ID: GCU45705  
Phoenix ID: CU45708

Project ID: 69-02 QUEENS BOULEVARD, QUEENS  
Client ID: DUPLICATE

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|-----------|
| <b><u>Volatiles</u></b>     |        |            |             |       |          |           |    |           |
| 1,1,1,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,1-Trichloroethane       | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2-Trichloroethane       | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethane          | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloropropene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichloropropane      | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trimethylbenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromo-3-chloropropane | ND     | 0.50       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromoethane           | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloroethane          | ND     | 0.60       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3,5-Trimethylbenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,4-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Hexanone                  | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Isopropyltoluene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Methyl-2-pentanone        | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| Acetone                     | 13     | S 5.0      | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrolein                    | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrylonitrile               | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Benzene                     | ND     | 0.70       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromobenzene                | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromochloromethane          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromodichloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromoform                   | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromomethane                | ND     | 5.0        | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon Disulfide            | 0.29   | J 1.0      | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon tetrachloride        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chlorobenzene               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroethane                | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroform                  | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloromethane               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,2-Dichloroethene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,3-Dichloropropene     | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromochloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromomethane              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dichlorodifluoromethane     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Ethylbenzene                | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Hexachlorobutadiene         | ND     | 0.50       | 0.20        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Isopropylbenzene            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| m&p-Xylene                  | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl ethyl ketone         | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl t-butyl ether (MTBE) | 0.83   | J 1.0      | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methylene chloride          | ND     | 3.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Naphthalene                 | ND     | 1.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Butylbenzene              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Propylbenzene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| o-Xylene                    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| p-Isopropyltoluene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| sec-Butylbenzene            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Styrene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| tert-Butylbenzene           | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrachloroethene           | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrahydrofuran (THF)       | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Toluene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,2-Dichloroethene    | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,3-Dichloropropene   | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,4-dichloro-2-butene | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichloroethene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorofluoromethane      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorotrifluoroethane    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Vinyl chloride              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| <b>QA/QC Surrogates</b>     |        |            |             |       |          |           |    |            |
| % 1,2-dichlorobenzene-d4    | 101    |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Bromofluorobenzene        | 90     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Dibromofluoromethane      | 99     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

1

| Parameter    | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|--------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| % Toluene-d8 | 98     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

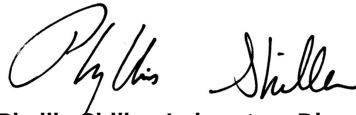
### **Comments:**

#### **Volatile Comment:**

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

S - Laboratory solvent, contamination is possible.

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**Phyllis Shiller, Laboratory Director**

**November 17, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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



# Analysis Report

November 17, 2025

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

## Sample Information

Matrix: WATER  
Location Code: AMC-ENG  
Rush Request: Standard  
P.O.#:

## Custody Information

Collected by:  
Received by: CP  
Analyzed by: see "By" below

Date: 10/07/25  
Time: 18:35

## Laboratory Data

SDG ID: GCU45705  
Phoenix ID: CU45709

Project ID: 69-02 QUEENS BOULEVARD, QUEENS  
Client ID: TRIP BLANK

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|-----------|
| <b>Volatiles</b>            |        |            |             |       |          |           |    |           |
| 1,1,1,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,1-Trichloroethane       | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2,2-Tetrachloroethane   | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1,2-Trichloroethane       | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethane          | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloroethene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,1-Dichloropropene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,3-Trichloropropane      | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trichlorobenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2,4-Trimethylbenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromo-3-chloropropane | ND     | 0.50       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dibromoethane           | ND     | 0.25       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloroethane          | ND     | 0.60       | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3,5-Trimethylbenzene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,3-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 1,4-Dichlorobenzene         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2,2-Dichloropropane         | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Hexanone                  | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 2-Isopropyltoluene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Chlorotoluene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D   |
| 4-Methyl-2-pentanone        | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D   |

| Parameter                   | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|-----------------------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| Acetone                     | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrolein                    | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Acrylonitrile               | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Benzene                     | ND     | 0.70       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromobenzene                | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromochloromethane          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromodichloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromoform                   | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Bromomethane                | ND     | 5.0        | 0.50        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon Disulfide            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Carbon tetrachloride        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chlorobenzene               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroethane                | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloroform                  | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Chloromethane               | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,2-Dichloroethene      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| cis-1,3-Dichloropropene     | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromochloromethane        | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dibromomethane              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Dichlorodifluoromethane     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Ethylbenzene                | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Hexachlorobutadiene         | ND     | 0.50       | 0.20        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Isopropylbenzene            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| m&p-Xylene                  | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl ethyl ketone         | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methyl t-butyl ether (MTBE) | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Methylene chloride          | ND     | 3.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Naphthalene                 | ND     | 1.0        | 1.0         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Butylbenzene              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| n-Propylbenzene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| o-Xylene                    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| p-Isopropyltoluene          | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| sec-Butylbenzene            | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Styrene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| tert-Butylbenzene           | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrachloroethene           | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Tetrahydrofuran (THF)       | ND     | 5.0        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Toluene                     | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,2-Dichloroethene    | ND     | 5.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,3-Dichloropropene   | ND     | 0.40       | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| trans-1,4-dichloro-2-butene | ND     | 2.5        | 2.5         | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichloroethene             | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorofluoromethane      | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Trichlorotrifluoroethane    | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| Vinyl chloride              | ND     | 1.0        | 0.25        | ug/L  | 1        | 10/09/25  | MH | SW8260D    |
| <b>QA/QC Surrogates</b>     |        |            |             |       |          |           |    |            |
| % 1,2-dichlorobenzene-d4    | 101    |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Bromofluorobenzene        | 90     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |
| % Dibromofluoromethane      | 97     |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

1

| Parameter    | Result | RL/<br>PQL | LOD/<br>MDL | Units | Dilution | Date/Time | By | Reference  |
|--------------|--------|------------|-------------|-------|----------|-----------|----|------------|
| % Toluene-d8 | 101    |            |             | %     | 1        | 10/09/25  | MH | 70 - 130 % |

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

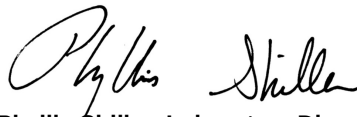
**Comments:**

TRIP BLANK INCLUDED.

**Volatile Comment:**

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

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



**Phyllis Shiller, Laboratory Director**

**November 17, 2025**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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## QA/QC Report

November 17, 2025

### QA/QC Data

SDG I.D.: GCU45705

| Parameter                                                                                      | Blank | Blk<br>RL | LCS<br>% | LCSD<br>% | LCS<br>RPD | MS<br>% | MSD<br>% | MS<br>RPD | %<br>Rec<br>Limits | %<br>RPD<br>Limits |
|------------------------------------------------------------------------------------------------|-------|-----------|----------|-----------|------------|---------|----------|-----------|--------------------|--------------------|
| QA/QC Batch 808018 (ug/L), QC Sample No: CU45705 (CU45705, CU45706, CU45707, CU45708, CU45709) |       |           |          |           |            |         |          |           |                    |                    |
| <b>Volatiles - Ground Water</b>                                                                |       |           |          |           |            |         |          |           |                    |                    |
| 1,1,1,2-Tetrachloroethane                                                                      | ND    | 1.0       | 100      | 95        | 5.1        | 96      | 99       | 3.1       | 70 - 130           | 30                 |
| 1,1,1-Trichloroethane                                                                          | ND    | 1.0       | 110      | 105       | 4.7        | 117     | 116      | 0.9       | 70 - 130           | 30                 |
| 1,1,2,2-Tetrachloroethane                                                                      | ND    | 0.50      | 102      | 97        | 5.0        | 104     | 104      | 0.0       | 70 - 130           | 30                 |
| 1,1,2-Trichloroethane                                                                          | ND    | 1.0       | 113      | 103       | 9.3        | 108     | 115      | 6.3       | 70 - 130           | 30                 |
| 1,1-Dichloroethane                                                                             | ND    | 1.0       | 102      | 98        | 4.0        | 108     | 108      | 0.0       | 70 - 130           | 30                 |
| 1,1-Dichloroethene                                                                             | ND    | 1.0       | 102      | 102       | 0.0        | 104     | 108      | 3.8       | 70 - 130           | 30                 |
| 1,1-Dichloropropene                                                                            | ND    | 1.0       | 99       | 94        | 5.2        | 103     | 106      | 2.9       | 70 - 130           | 30                 |
| 1,2,3-Trichlorobenzene                                                                         | ND    | 1.0       | 105      | 100       | 4.9        | 107     | 112      | 4.6       | 70 - 130           | 30                 |
| 1,2,3-Trichloropropane                                                                         | ND    | 1.0       | 108      | 99        | 8.7        | 108     | 108      | 0.0       | 70 - 130           | 30                 |
| 1,2,4-Trichlorobenzene                                                                         | ND    | 1.0       | 107      | 99        | 7.8        | 104     | 110      | 5.6       | 70 - 130           | 30                 |
| 1,2,4-Trimethylbenzene                                                                         | ND    | 1.0       | 106      | 98        | 7.8        | 82      | 88       | 7.1       | 70 - 130           | 30                 |
| 1,2-Dibromo-3-chloropropane                                                                    | ND    | 1.0       | 92       | 86        | 6.7        | 90      | 95       | 5.4       | 70 - 130           | 30                 |
| 1,2-Dibromoethane                                                                              | ND    | 1.0       | 105      | 103       | 1.9        | 106     | 109      | 2.8       | 70 - 130           | 30                 |
| 1,2-Dichlorobenzene                                                                            | ND    | 1.0       | 108      | 100       | 7.7        | 105     | 105      | 0.0       | 70 - 130           | 30                 |
| 1,2-Dichloroethane                                                                             | ND    | 1.0       | 110      | 101       | 8.5        | 108     | 114      | 5.4       | 70 - 130           | 30                 |
| 1,2-Dichloropropane                                                                            | ND    | 1.0       | 107      | 97        | 9.8        | 104     | 107      | 2.8       | 70 - 130           | 30                 |
| 1,3,5-Trimethylbenzene                                                                         | ND    | 1.0       | 104      | 98        | 5.9        | 98      | 100      | 2.0       | 70 - 130           | 30                 |
| 1,3-Dichlorobenzene                                                                            | ND    | 1.0       | 110      | 103       | 6.6        | 110     | 111      | 0.9       | 70 - 130           | 30                 |
| 1,3-Dichloropropane                                                                            | ND    | 1.0       | 106      | 104       | 1.9        | 109     | 110      | 0.9       | 70 - 130           | 30                 |
| 1,4-Dichlorobenzene                                                                            | ND    | 1.0       | 108      | 99        | 8.7        | 106     | 109      | 2.8       | 70 - 130           | 30                 |
| 2,2-Dichloropropane                                                                            | ND    | 1.0       | 101      | 94        | 7.2        | 85      | 83       | 2.4       | 70 - 130           | 30                 |
| 2-Chlorotoluene                                                                                | ND    | 1.0       | 107      | 98        | 8.8        | 108     | 111      | 2.7       | 70 - 130           | 30                 |
| 2-Hexanone                                                                                     | ND    | 5.0       | 82       | 75        | 8.9        | 94      | 97       | 3.1       | 70 - 130           | 30                 |
| 2-Isopropyltoluene                                                                             | ND    | 1.0       | 106      | 99        | 6.8        | 105     | 107      | 1.9       | 70 - 130           | 30                 |
| 4-Chlorotoluene                                                                                | ND    | 1.0       | 106      | 101       | 4.8        | 107     | 108      | 0.9       | 70 - 130           | 30                 |
| 4-Methyl-2-pentanone                                                                           | ND    | 5.0       | 90       | 83        | 8.1        | 97      | 100      | 3.0       | 70 - 130           | 30                 |
| Acetone                                                                                        | ND    | 5.0       | 90       | 84        | 6.9        | 101     | 87       | 14.9      | 70 - 130           | 30                 |
| Acrolein                                                                                       | ND    | 5.0       | 95       | 94        | 1.1        | 88      | 85       | 3.5       | 70 - 130           | 30                 |
| Acrylonitrile                                                                                  | ND    | 5.0       | 102      | 96        | 6.1        | 96      | 98       | 2.1       | 70 - 130           | 30                 |
| Benzene                                                                                        | ND    | 0.70      | 108      | 99        | 8.7        | 111     | 113      | 1.8       | 70 - 130           | 30                 |
| Bromobenzene                                                                                   | ND    | 1.0       | 109      | 98        | 10.6       | 105     | 106      | 0.9       | 70 - 130           | 30                 |
| Bromochloromethane                                                                             | ND    | 1.0       | 114      | 107       | 6.3        | 115     | 112      | 2.6       | 70 - 130           | 30                 |
| Bromodichloromethane                                                                           | ND    | 0.50      | 106      | 97        | 8.9        | 102     | 104      | 1.9       | 70 - 130           | 30                 |
| Bromoform                                                                                      | ND    | 1.0       | 86       | 81        | 6.0        | 82      | 85       | 3.6       | 70 - 130           | 30                 |
| Bromomethane                                                                                   | ND    | 1.0       | 102      | 101       | 1.0        | 75      | 92       | 20.4      | 70 - 130           | 30                 |
| Carbon Disulfide                                                                               | ND    | 1.0       | 98       | 96        | 2.1        | 106     | 105      | 0.9       | 70 - 130           | 30                 |
| Carbon tetrachloride                                                                           | ND    | 1.0       | 95       | 94        | 1.1        | 97      | 99       | 2.0       | 70 - 130           | 30                 |
| Chlorobenzene                                                                                  | ND    | 1.0       | 105      | 102       | 2.9        | 110     | 108      | 1.8       | 70 - 130           | 30                 |
| Chloroethane                                                                                   | ND    | 1.0       | 98       | 95        | 3.1        | 106     | 101      | 4.8       | 70 - 130           | 30                 |
| Chloroform                                                                                     | ND    | 1.0       | 113      | 106       | 6.4        | 116     | 117      | 0.9       | 70 - 130           | 30                 |
| Chloromethane                                                                                  | ND    | 1.0       | 119      | 112       | 6.1        | 122     | 121      | 0.8       | 70 - 130           | 30                 |

# QA/QC Data

SDG I.D.: GCU45705

| Parameter                   | Blank | Blk<br>RL | LCS<br>% | LCSD<br>% | LCS<br>RPD | MS<br>% | MSD<br>% | MS<br>RPD | %<br>Rec<br>Limits | %<br>RPD<br>Limits |
|-----------------------------|-------|-----------|----------|-----------|------------|---------|----------|-----------|--------------------|--------------------|
| cis-1,2-Dichloroethene      | ND    | 1.0       | 111      | 101       | 9.4        | 115     | 113      | 1.8       | 70 - 130           | 30                 |
| cis-1,3-Dichloropropene     | ND    | 0.40      | 99       | 91        | 8.4        | 94      | 98       | 4.2       | 70 - 130           | 30                 |
| Dibromochloromethane        | ND    | 0.50      | 93       | 89        | 4.4        | 89      | 93       | 4.4       | 70 - 130           | 30                 |
| Dibromomethane              | ND    | 1.0       | 107      | 99        | 7.8        | 105     | 110      | 4.7       | 70 - 130           | 30                 |
| Dichlorodifluoromethane     | ND    | 1.0       | 128      | 132       | 3.1        | 140     | 140      | 0.0       | 70 - 130           | 30                 |
| Ethylbenzene                | ND    | 1.0       | 104      | 101       | 2.9        | 109     | 109      | 0.0       | 70 - 130           | 30                 |
| Hexachlorobutadiene         | ND    | 0.40      | 94       | 92        | 2.2        | 100     | 102      | 2.0       | 70 - 130           | 30                 |
| Isopropylbenzene            | ND    | 1.0       | 104      | 99        | 4.9        | 105     | 107      | 1.9       | 70 - 130           | 30                 |
| m&p-Xylene                  | ND    | 1.0       | 105      | 102       | 2.9        | 107     | 107      | 0.0       | 70 - 130           | 30                 |
| Methyl ethyl ketone         | ND    | 5.0       | 94       | 97        | 3.1        | 125     | 125      | 0.0       | 70 - 130           | 30                 |
| Methyl t-butyl ether (MTBE) | ND    | 1.0       | 103      | 99        | 4.0        | 104     | 102      | 1.9       | 70 - 130           | 30                 |
| Methylene chloride          | ND    | 1.0       | 100      | 96        | 4.1        | 98      | 100      | 2.0       | 70 - 130           | 30                 |
| Naphthalene                 | ND    | 1.0       | 103      | 98        | 5.0        | 119     | 112      | 6.1       | 70 - 130           | 30                 |
| n-Butylbenzene              | ND    | 1.0       | 104      | 99        | 4.9        | 106     | 107      | 0.9       | 70 - 130           | 30                 |
| n-Propylbenzene             | ND    | 1.0       | 101      | 96        | 5.1        | 105     | 106      | 0.9       | 70 - 130           | 30                 |
| o-Xylene                    | ND    | 1.0       | 101      | 98        | 3.0        | 104     | 105      | 1.0       | 70 - 130           | 30                 |
| p-Isopropyltoluene          | ND    | 1.0       | 104      | 98        | 5.9        | 102     | 103      | 1.0       | 70 - 130           | 30                 |
| sec-Butylbenzene            | ND    | 1.0       | 101      | 97        | 4.0        | 105     | 107      | 1.9       | 70 - 130           | 30                 |
| Styrene                     | ND    | 1.0       | 109      | 104       | 4.7        | 49      | 65       | 28.1      | 70 - 130           | 30                 |
| tert-Butylbenzene           | ND    | 1.0       | 102      | 96        | 6.1        | 107     | 107      | 0.0       | 70 - 130           | 30                 |
| Tetrachloroethene           | ND    | 1.0       | 107      | 102       | 4.8        | 111     | 114      | 2.7       | 70 - 130           | 30                 |
| Tetrahydrofuran (THF)       | ND    | 2.5       | 98       | 98        | 0.0        | 104     | 104      | 0.0       | 70 - 130           | 30                 |
| Toluene                     | ND    | 1.0       | 109      | 101       | 7.6        | 109     | 114      | 4.5       | 70 - 130           | 30                 |
| trans-1,2-Dichloroethene    | ND    | 1.0       | 103      | 101       | 2.0        | 113     | 110      | 2.7       | 70 - 130           | 30                 |
| trans-1,3-Dichloropropene   | ND    | 0.40      | 102      | 91        | 11.4       | 92      | 95       | 3.2       | 70 - 130           | 30                 |
| trans-1,4-dichloro-2-butene | ND    | 5.0       | 89       | 76        | 15.8       | 81      | 76       | 6.4       | 70 - 130           | 30                 |
| Trichloroethene             | ND    | 1.0       | 111      | 103       | 7.5        | 111     | 117      | 5.3       | 70 - 130           | 30                 |
| Trichlorofluoromethane      | ND    | 1.0       | 112      | 113       | 0.9        | 126     | 123      | 2.4       | 70 - 130           | 30                 |
| Trichlorotrifluoroethane    | ND    | 1.0       | 107      | 112       | 4.6        | 117     | 117      | 0.0       | 70 - 130           | 30                 |
| Vinyl chloride              | ND    | 1.0       | 110      | 109       | 0.9        | 116     | 116      | 0.0       | 70 - 130           | 30                 |
| % 1,2-dichlorobenzene-d4    | 100   | %         | 99       | 98        | 1.0        | 100     | 101      | 1.0       | 70 - 130           | 30                 |
| % Bromofluorobenzene        | 90    | %         | 98       | 99        | 1.0        | 99      | 99       | 0.0       | 70 - 130           | 30                 |
| % Dibromofluoromethane      | 98    | %         | 103      | 103       | 0.0        | 104     | 97       | 7.0       | 70 - 130           | 30                 |
| % Toluene-d8                | 101   | %         | 100      | 98        | 2.0        | 99      | 101      | 2.0       | 70 - 130           | 30                 |

QA/QC Batch 808384 (ug/L), QC Sample No: CU46415 (CU45706 (10X) )

## Volatiles - Ground Water

|                          |     |     |     |     |     |     |     |     |          |    |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|----------|----|
| n-Propylbenzene          | ND  | 1.0 | 97  | 97  | 0.0 | 97  | 104 | 7.0 | 70 - 130 | 30 |
| % 1,2-dichlorobenzene-d4 | 106 | %   | 99  | 99  | 0.0 | 101 | 100 | 1.0 | 70 - 130 | 30 |
| % Bromofluorobenzene     | 90  | %   | 98  | 96  | 2.1 | 98  | 97  | 1.0 | 70 - 130 | 30 |
| % Dibromofluoromethane   | 104 | %   | 101 | 101 | 0.0 | 101 | 105 | 3.9 | 70 - 130 | 30 |
| % Toluene-d8             | 102 | %   | 97  | 99  | 2.0 | 98  | 97  | 1.0 | 70 - 130 | 30 |

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

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

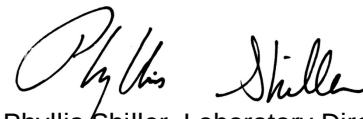
QA/QC Data

SDG I.D.: GCU45705

| Parameter | Blk   |    | LCS | LCSD | LCS | MS | MSD | MS  | %<br>Rec | %<br>RPD |
|-----------|-------|----|-----|------|-----|----|-----|-----|----------|----------|
|           | Blank | RL |     |      |     |    |     |     |          |          |
|           |       |    | %   | %    | RPD | %  | %   | RPD | Limits   | Limits   |

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

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

  
Phyllis Shiller, Laboratory Director  
November 17, 2025

Monday, November 17, 2025

Criteria: NY: GW

State: NY

## Sample Criteria Exceedances Report

GCU45705 - AMC-ENG

| SampNo  | Acode       | Phoenix Analyte             | Criteria                                              | Result | RL   | Criteria | RL<br>Criteria | Analysis<br>Units |
|---------|-------------|-----------------------------|-------------------------------------------------------|--------|------|----------|----------------|-------------------|
| CU45705 | \$8260DP25R | 1,2-Dibromo-3-chloropropane | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.50 | 0.04     | 0.04           | ug/L              |
| CU45705 | \$8260DP25R | 1,2-Dibromoethane           | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.0006   | 0.0006         | ug/L              |
| CU45705 | \$8260DP25R | 1,2,3-Trichloropropane      | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.04     | 0.04           | ug/L              |
| CU45706 | \$8260DP25R | Benzene                     | NY / TAGM - Volatile Organics / Groundwater Standards | 6.5    | 0.70 | 0.7      | 0.7            | ug/L              |
| CU45706 | \$8260DP25R | sec-Butylbenzene            | NY / TOGS - Water Quality / GA Criteria               | 15     | 1.0  | 5        | 5              | ug/L              |
| CU45706 | \$8260DP25R | 1,2,3-Trichloropropane      | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.04     | 0.04           | ug/L              |
| CU45706 | \$8260DP25R | 1,2-Dibromo-3-chloropropane | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.50 | 0.04     | 0.04           | ug/L              |
| CU45706 | \$8260DP25R | 1,2-Dibromoethane           | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.0006   | 0.0006         | ug/L              |
| CU45706 | \$8260DP25R | Benzene                     | NY / TOGS - Water Quality / GA Criteria               | 6.5    | 0.70 | 1        | 1              | ug/L              |
| CU45706 | \$8260DP25R | Isopropylbenzene            | NY / TOGS - Water Quality / GA Criteria               | 23     | 1.0  | 5        | 5              | ug/L              |
| CU45706 | \$8260DP25R | n-Butylbenzene              | NY / TOGS - Water Quality / GA Criteria               | 7.3    | 1.0  | 5        | 5              | ug/L              |
| CU45706 | \$8260DP25R | n-Propylbenzene             | NY / TOGS - Water Quality / GA Criteria               | 90     | 10   | 5        | 5              | ug/L              |
| CU45707 | \$8260DP25R | Chloroform                  | NY / TAGM - Volatile Organics / Groundwater Standards | 27     | 5.0  | 7        | 7              | ug/L              |
| CU45707 | \$8260DP25R | 1,2-Dibromo-3-chloropropane | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.50 | 0.04     | 0.04           | ug/L              |
| CU45707 | \$8260DP25R | 1,2-Dibromoethane           | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.0006   | 0.0006         | ug/L              |
| CU45707 | \$8260DP25R | Chloroform                  | NY / TOGS - Water Quality / GA Criteria               | 27     | 5.0  | 7        | 7              | ug/L              |
| CU45707 | \$8260DP25R | 1,2,3-Trichloropropane      | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.04     | 0.04           | ug/L              |
| CU45708 | \$8260DP25R | 1,2,3-Trichloropropane      | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.04     | 0.04           | ug/L              |
| CU45708 | \$8260DP25R | 1,2-Dibromo-3-chloropropane | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.50 | 0.04     | 0.04           | ug/L              |
| CU45708 | \$8260DP25R | 1,2-Dibromoethane           | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.0006   | 0.0006         | ug/L              |
| CU45709 | \$8260DP25R | 1,2-Dibromoethane           | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.0006   | 0.0006         | ug/L              |
| CU45709 | \$8260DP25R | 1,2,3-Trichloropropane      | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.25 | 0.04     | 0.04           | ug/L              |
| CU45709 | \$8260DP25R | 1,2-Dibromo-3-chloropropane | NY / TOGS - Water Quality / GA Criteria               | ND     | 0.50 | 0.04     | 0.04           | ug/L              |

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



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



## **NY Temperature Narration**

**November 17, 2025**

**SDG I.D.: GCU45705**

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



# NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: Makrina.Nolan, makrina@phoenixlabs.com Fax (860) 645-0823  
Client Services (860) 645-1102

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

Project: 69-02 Queens Boulevard, Queens  
Report to: ARIEL CZEMERINSKI  
Invoice to: AMC ENGINEERING PLLC  
QUOTE #: N/A

| Client Sample - Information - Identification                       |          |               |              | Analysis Request |  |
|--------------------------------------------------------------------|----------|---------------|--------------|------------------|--|
| Sampler's Signature                                                | Date     | Sample Matrix | Date Sampled | Time Sampled     |  |
| Matrix Code:<br>DW=Drinking Water<br>Water SE=Sediment<br>L=Liquid |          |               |              |                  |  |
| 45705                                                              | 10/17/25 | GW            | 10/17/25     | 2:50PM           |  |
| 45706                                                              | 10/17/25 | GW            | 10/17/25     | 1:20PM           |  |
| 45707                                                              | 10/17/25 | GW            | 10/17/25     | 12:00PM          |  |
| 45708                                                              | 10/17/25 | Duplicate     | 10/17/25     | 2:45PM           |  |
| 45709                                                              |          | Trip Blank    | N/A          | N/A              |  |

Relinquished by: [Signature] Accepted by: [Signature] Date: 10/18/25 1330

Comments, Special Requirements or Regulations: 6-25-25 - TB date (SW)

Data Format:  
☐ Phoenix Std Report  
☒ Excel  
☐ PDF  
☐ GIS/Key

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

Turnaround:  
☐ 1 Day\*  
☐ 2 Days\*  
☐ 3 Days\*  
☐ 4 Days\*  
☐ 5 Days\*  
☒ Standard  
\* SURCHARGE APPLIES

NY  
☒ TOGS GW 1.1.1 GA  
☐ CP-51 SOIL  
☐ 375SSCO  
☐ Unrestricted Soil  
☐ 375SSCO  
☐ Residential Soil  
☐ Restricted Soil  
☐ 375SSCO  
☐ Commercial Soil  
☐ 375SSCO  
☐ Industrial Soil  
☐ Subpart 5 DW

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

PA  
☐ Clean Fill Limits  
☐ PA-GW  
☐ Reg Fill Limits  
☐ PA Soil Restricted  
☐ PA Soil non-restricted

State Samples Collected? NY



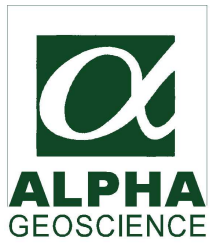
AMC Engineering PLLC

Quarterly Sampling Report  
2025 Fourth Quarter (4Q2025)  
69-02 Queens Boulevard Site (C-241235)  
69-02 Queens Boulevard, Queens, New York

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# **APPENDIX D**

## **DATA USABILITY SUMMARY REPORT (DUSR)**



Geology

Hydrology

Remediation

Water Supply

November 24, 2025

Ms. Anjeza Harrington  
Environmental Engineer  
AMC Engineering, PLLC  
18-36 42<sup>nd</sup> Street  
Astoria, New York 11105

Re: Proposal for Data Validation Services  
69-02 Queens Blvd., Queens, NY  
Ground Water Sampling Event

Dear Ms. Harrington:

Alpha Geoscience (Alpha) is pleased to present this scope and cost for performing data validation and preparing data usability summary report (DUSR) for 69-02 Queens Blvd. project. The project will consist of one data pack containing 3 ground water samples, 1 field duplicate, and 1 trip blank analyzed for 8260 volatiles. It is Alpha's understanding that the data pack will be provided to Alpha in an electronic format containing New York State ASP, category B deliverables.

Alpha will provide a DUSR and a brief QA/QC review for each analyte fraction. Data qualifiers will be added to the appropriate data. The cost to perform the data validation, print out applicable portions of the data packs, and send electronic files of the DUSRs and qualified data is \$560. If the scope of work or the number of data packs changes, the cost would change accordingly. You will be notified before any additional work is initiated.

If you have any questions concerning the work to be performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist AMC Engineering, PLLC.

Sincerely,  
Alpha Geoscience

Donald Anné  
Senior Chemist

DCA/bms  
Via email

z:\projects\2023\23600-23620\23618-queens blvd (69-02)\2025\69-02 queens blvd-252.prp.docx