



June 18, 2025

April L. Gasparri  
Director of Aviation  
Westchester County Airport  
240 Airport Road Suite 202  
White Plains, NY 10604

**Via Electronic Transmission:** [axqc@westchestergov.com](mailto:axqc@westchestergov.com)

RE: Westchester County Airport  
April 2025 Semi-Annual  
Groundwater Sampling Results

Dear Ms. Gasparri:

This letter presents results for the first semi-annual groundwater sampling event of 2025 at the Westchester County Airport; sampling was completed between April 14 and 18. The monitoring program was implemented in 2018 in response to a 2017 sampling event that confirmed the presence of per- and polyfluoroalkyl substances (PFAS) in onsite groundwater. PFAS are a class of man-made chemicals, some of which are components of Aqueous Film Forming Foams (AFFF) that are used to fight petroleum-based fires. Different types of these foams, including perfluorooctanesulfonic acid (PFOS) based AFFF and fluorotelomer AFFF, were used at the airport for fire training activities. These activities were conducted in an onsite burn pit, first by the Air National Guard, who left the site in 1983, and later by the airport in compliance with Federal Aviation Administration (FAA) regulations; use of the burn pit ceased in the late 1990s.

In response to the onsite PFAS detections, a site-wide investigation was completed in 2020 pursuant to a consent order between Westchester County and the NYSDEC. In April 2020, the airport was accepted into the NYS Brownfield Cleanup Program (site C360174). Additional site investigation, remediation and monitoring activities continue under that program.

### **GROUNDWATER SAMPLING PROGRAM**

The April 2025 sampling event included a total of 38 groundwater monitor wells of which 36 were sampled for PFAS. In addition, samples from selected wells were also analyzed for volatile organic compounds (VOCs), 1,4-dioxane and glycols (ethylene and propylene glycol).

In October 2024 two wells previously included in the sampling, DPWMW-3 and FMW-6, were found to be damaged and could not be sampled. A third well, FMW-3, could not be located. An assessment of the need to replace these wells will be made by the airport as part of the work being completed under the Brownfields program.

Table 1 lists the sampled wells, their depths and associated analytes, well locations are presented on Figure 1. Of the 38 wells included in this sampling event, 24 are completed in a shallow sand and gravel aquifer and 14 are completed in the underlying bedrock aquifer. Wells in the sand and gravel

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aquifer range between 6 and 60 feet deep while the bedrock wells are between 25 and 96 feet deep. All wells were sampled with dedicated, disposable, high-density polyethylene (HDPE) (PFAS free) bailers. Prior to sampling, the wells were purged of three standing volumes of water, or until dry, using either a dedicated HDPE bailer or a PFAS-free submersible pump with dedicated HDPE tubing. Between sampling points the submersible pump was decontaminated with a soap and water solution followed by a distilled water rinse.

The samples were collected in laboratory-prepared containers and were kept cold until delivery the following day to York Analytical Laboratories of Stratford, CT (a New York State-certified laboratory). The analytical results are summarized in Tables 2 through 7 and Figures 1 through 3. Copies of the laboratory reports are attached in the Appendix of the electronic version of this report. Category B, ASP deliverables were prepared for each report and are available upon request. Water-level measurements were made in each well prior to sampling. These data were used to calculate groundwater elevations and prepare groundwater contour maps which are presented on Table 8 and Figures 4 and 5. Figure 6 presents graphs of water level elevations in select wells from 2018 – 2025.

## **LABORATORY RESULTS**

### **Per- and Polyfluoroalkyl Substances (PFAS)**

PFAS results are presented on Tables 2 through 4 and Figures 1 and 2. The PFAS samples were analyzed by EPA method 1633 which includes 40 different PFAS including PFOS and PFOA (perfluorooctanoic acid). In general, PFAS concentrations in groundwater decrease across the site from north to south. The highest concentrations are detected in wells in the northern part of the site near the former fire training burn pit, which is the primary PFAS source area onsite. Exceptions to this include two isolated, secondary PFAS source areas in the southern part of the site, the current fire training area (near MW-58D) and Hangar E (Figure 1).

Analytical results for the April 2025 sampling event are consistent with previous results (Table 4). The highest concentrations of total PFAS (the sum of all detected PFAS) were detected in wells MW-58D (32,874 nanograms per liter (ng/L)) located near the current fire training area, and MW-63 (31,857 ng/L) located near the former burn pit (Table 3). The highest concentration of PFOS was detected in well MW-64 (9,040 ng/L) and the highest concentration of PFOA was detected in MW-63 (16,900 ng/L). Both of these wells are located near the former burn pit. Hangar E wells MW-1 and MW-4 also had elevated total PFAS concentrations relative to surrounding wells in that area (Figure 1).

The high percentage of PFOS in well MW-64 (67%), relative to total PFAS, is consistent with a legacy PFOS based AFFF, which is known to have been used in the burn pit. In contrast, the PFAS detected in samples from MW-58D and the Hangar E wells, which had much lower PFOS concentrations, is consistent with the signature of a fluorotelomer type AFFF and is different than the PFOS based AFFF associated with the burn pit (Tables 2 and 3). Fluorotelomer foams eventually replaced PFOS based foams at the airport and, while they are considered less toxic and less persistent in the environment, they still contain PFAS including low levels of PFOS and PFOA. The different PFAS signatures detected in the groundwater samples indicate that different types of AFFF were released at the site and that some comingling has occurred.

Figure 2 presents graphs of total PFAS concentrations from August 2018 through April 2025 for 19 wells across the airport property. As shown on the graphs, PFAS concentrations have typically fluctuated within a consistent range during this timeframe and the current results show no significant deviations from the established ranges. In some sand and gravel wells, PFAS concentrations fluctuate up and down in conjunction with normal seasonal groundwater-level changes related to precipitation (FMW-8, FMW-15, FMW-31). PFAS concentrations in bedrock wells (labeled BR) tend to show more stable trends in comparison to wells in the sand and gravel aquifer. This is because groundwater levels in the bedrock are not as directly affected by seasonal precipitation variations and are more stable resulting in

more consistent PFAS concentrations. Several wells including FMW-15, FMW-23(BR), FMW-31 and Hangar E MW-4, show above average concentration spikes occurring over one or two sample periods. While the cause of the spikes is uncertain, they appear to be isolated occurrences and not indicative of changes in the long-term trends.

Another above average concentration spike can be seen in well FMW-16, where the total PFAS concentration between April 2023 and April 2024 increased from 1,068 ng/L to 2,051 ng/L (Figure 2). This well is located downgradient of the former Burn Pit near the northern property line. The disturbance of soil and groundwater in this area related to construction of the New King Street water line, which began in June 2023, is the suspected cause of the concentration spike. As of March 2024, subsurface construction activities in the vicinity of FMW-16 were completed. Results for October 2024 and April 2025 show that total PFAS concentrations in this well have decreased back to baseline levels (Figure 2, Table 4).

In 2020, New York State promulgated Maximum Contaminant Levels (MCLs) of 10 ng/L each for PFOS and PFOA in public drinking water supplies. In April 2024 the USEPA announced Final MCLs for five individual PFAS in public drinking water supplies including PFOS and PFOA under the National Primary Drinking Water Regulation. Currently, enforceable water-quality standards for PFAS in groundwater or surface water in New York do not exist. However, the NYSDEC has issued guidance for the assessment of PFAS at sites where investigations are required pursuant to a State remedial program such as the Brownfields Program. The most recent version is dated April 2023 and it sets ambient groundwater quality guidance values of 2.7 ng/L for PFOS and 6.7 ng/L for PFOA. Sampling results for April 2025 show that 29 out of 36 groundwater samples had PFOS and/or PFOA concentrations that exceeded the guidance values (Table 3).

As noted previously, a site-wide investigation was completed in 2020 and implementation of interim remedial measures are currently in progress in response to the onsite PFAS detections. Additional site investigation and remediation work is continuing under the NYS Brownfield Cleanup Program to address PFAS and any other identified contaminants of concern.

### **1,4-Dioxane**

1,4-Dioxane is an emerging contaminant and there are no known current or historical activities at the airport that would have involved the use of this chemical. However, 1,4-dioxane is used as a stabilizer in the manufacturing of chlorinated solvents and is commonly found at sites with chlorinated solvent contamination. There are two areas of solvent contamination at the airport associated with historical tenant releases in Hangars D and E. Detections of 1,4-dioxane from 2018 to April 2025, which are summarized on Table 5 and Figure 3, confirm its presence in monitor wells at both locations. Hangar D is located on the eastern side of the airport and Hangar E is located on the southwest side. Results for 38 other wells at different locations across the airport show no detections of 1,4-dioxane, confirming that its presence is limited to these two locations (Figure 3). Based on these results, continued analysis of 1,4-dioxane is limited to wells in and around Hangars D and E.

For the April 2025 sampling round, three wells were analyzed for 1,4-dioxane, MW-7S and XDDMW-11 associated with Hangar D, and MW-1 located in Hangar E. As shown on Table 5, 1,4-dioxane was detected at concentrations ranging from 4.67 ug/L (micrograms per liter) to 980 ug/L. In 2020, New York State promulgated an MCL of 1.0 ug/L for public drinking water supplies. In February 2023 a guidance value of 0.35 ug/L was published for groundwater and surface water. All of the April 2025 detections exceeded the guidance value.

## **Volatile Organic Compounds (VOCs)**

VOCs are a class of chemicals that include petroleum constituents and chlorinated solvents, both of which are components of various products used at the airport. VOCs were analyzed as part of a previous groundwater monitoring program at the airport that ran from 2001 to 2011, resulting in a 10-year record of historical data. Based on this data, samples from 17 wells were analyzed for VOCs as part of the April 2025 sampling round (Table 1). Some of these wells are in areas known to have histories of VOC detections. Other wells are located in downgradient areas around the airport perimeter and are sampled to monitor groundwater quality leaving the site.

Results for the April 2025 sampling round show that VOCs were detected in samples from 12 wells of which 7 showed concentrations above groundwater standards including, FMW-23, FMW-31, Hangar E MW-1, MW-7S, MW-59D, MW-64 and XDDMW-10 (Table 6). Most of the VOC detections are consistent with baseline data and can be attributed to residual contamination associated with known release areas including former Hangar B (NYSDEC Spill No. 98-11689), Hangar D (NYSDEC Site No. 360037), Hangar E (NYSDEC Spill No. 0912936) and the former Air National Guard (ANG) site (NYS Voluntary Cleanup program Site No. V00499). As shown on Table 6, the detected VOCs have included both petroleum and solvent related compounds. The Hangar B, D and E sites have been investigated and undergone remediation. The Hangar B and E spill numbers are closed and the Hangar E remediation system was shut down and decommissioned in August 2024. Residual contamination at Hangar D is being managed under a Site Management Plan. The former ANG site was investigated in 2003 and 2004; no source area was found and no further action was required at that time.

Two of the wells noted above, MW-59D and MW-64, are newer wells installed in 2020 and do not have a long sampling history. Well MW-59D is a 77-foot-deep bedrock well located in the southeastern part of the site. The April 2025 results show acetone in this well for the first time at a concentration of 107 ug/L, which is above the standard of 50 ug/L. Acetone is inconsistently detected in other onsite wells, however it has never been detected above the standard and there are no known, onsite acetone source areas. Acetone is a known laboratory contaminant and is commonly detected as a laboratory artifact. Although acetone was not detected in any of the Field or Trip blanks, which would indicate possible lab cross contamination, the detection was flagged in the lab report as being an estimated value due to laboratory calibration issues. Based on this information and the known site history, this detection is viewed as suspect and not considered at this time to be associated with any onsite release areas. Subsequent sampling will confirm if acetone is actually present in this well and at what concentration.

The MW-59D sample also contained tetrachloroethylene which is the second consecutive time it was detected in this well. The detected concentration was 5.54 ug/L which slightly exceeds the standard of 5.0 ug/L. In October 2024 tetrachloroethylene was detected for the first time and the concentration was 5.22 ug/L. Tetrachloroethylene is a known site contaminant associated with Hangars D and E. MW-59D is downgradient of Hangar D and other wells that contain tetrachloroethylene including MW-7S and XDDMW-10. Although it is not clear why tetrachloroethylene has only recently been detected in MW-59D, the source is most probably related to residual contamination associated with the Hangar D release.

Well MW-64 is 15 feet deep and is located in the northern part of the site, downgradient of the former burn pit. 1,2-Dichloroethane has been detected in this well above the standard of 0.6 ug/L since it was installed in 2020. The results for April 2025 show a concentration of 0.77 ug/L (Table 6). Two other related solvents have also been detected in this well, tetrachloroethylene and vinyl chloride. Similar to 1,2-dichloroethane, vinyl chloride has been detected in this well since 2020 above the standard (2.0 ug/L) with the exception of the current sampling round where the concentration was 1.42 ug/L. The source of these detections in MW-64 is not clear. 1,2-Dichloroethane and vinyl chloride are degradation products of tetrachloroethylene and all three are related to releases associated with Hangars D and E and are present in other wells. However, MW-64 is not downgradient of the known source areas for these compounds.

Another notable detection is chlorobenzene in well FMW-14, which is not believed to be associated with any of the historical release areas. FMW-14 is 15 feet deep and located in the northwestern part of the airport (Figure 1). This well has a history of chlorobenzene detections, above and below water-quality standards, dating back to 2002, with no clear trend or apparent source. Low concentrations of other VOCs including benzene have also been inconsistently detected over this time frame. For the April 2025 sampling round, chlorobenzene was detected at 4.07 ug/L and benzene was detected at 0.47 ug/L, which are below the associated standards of 5.0 ug/L and 1.0 ug/L respectively (Table 6).

### **Glycols**

Ethylene and propylene glycol (glycols) are associated with deicing fluid. Samples from five wells are analyzed for glycols based on their location near areas where deicing fluid is used or stored (Table 1). Glycols were not detected in any of the sampled wells which is consistent with historical data (Table 2).

### **Quality Assurance/Quality Control**

As part of the sampling protocol, duplicate samples, field blanks and trip blanks were collected and analyzed with the well samples. Duplicate samples were collected at a rate of 1 for every 20 samples per analyte class. Field blanks were collected daily and trip blanks were analyzed when VOC samples were collected.

Table 7 presents the duplicate sample results for April 2025. Duplicates are a second sample collected from a single location, submitted to the laboratory under a different sample identification number to check laboratory accuracy. While some variability is expected, results for the original and duplicate samples should be similar. Results for the duplicate samples presented in Table 7 show good correlation, with a few minor exceptions that are not considered significant.

Field blanks are used to monitor the sampling process and are prepared onsite during sampling with laboratory provided water. A field-blank detection indicates there was potential cross-contamination during sampling, transportation or the analytical process. Trip blanks are prepared by the laboratory; they follow the sample bottles from the laboratory to the site and back again to monitor the potential for VOC contamination from sources outside of the sampling process. There were no detections in any of the field or trip blanks collected during the April 2025 sampling.

## **GROUNDWATER FLOW**

The direction of groundwater flow and the observed water level elevations measured during April 2025 are consistent with historical data, showing little change over time outside of normal seasonal variations. Groundwater elevation data measured in the monitor wells for April 2025 are presented on Table 8 and Figures 4 and 5 which are groundwater elevation contour maps.

For April 2025, groundwater elevations across the site in the shallow sand and gravel aquifer ranged from a high of 423.39 ft msl (feet above mean sea level) in the northern part of the site at FMW-8, to a low of 352.39 ft msl in the southeastern corner of the site at MW-58D (figure 4). In the bedrock aquifer, elevations ranged from a high of 423.71 ft msl at FMW-23 (north) to a low of 380.33 ft msl in MW-56D (west) (figure 5).

The direction of groundwater flow across the site in the sand and gravel and bedrock aquifers varies because of a major drainage basin divide that runs through the property. Approximately three quarters of the site lie within the Blind Brook Drainage Basin; the remainder lies in the Rye Lake sub-basin. Groundwater flow in the Blind Brook Basin is primarily south to southeast. Groundwater flow within the Rye Lake basin flows primarily northwest to southwest towards Rye Lake, which is located approximately 600 feet west of the airport. In the southwest corner of the property, groundwater flow in the shallow aquifer is northward, onto the site, towards a hydraulic low point at FMW-25 (Figures 4 and 5).

Figure 6 presents graphs of water level elevation data from 2018 through April 2025 for 14 wells across the site. As shown on the graphs, water levels are typically highest in the spring and lowest in the fall and tend to fluctuate within an established range creating a sawtooth like pattern across the graph. This is most noticeable in the shallow sand and gravel wells which are more susceptible to precipitation related seasonal variation than the deeper bedrock wells. Between April and October 2024, a larger than normal decline in water levels is noticeable in all 14 wells which is directly related to below average precipitation that was experienced near the end of last year. Data from April 2025 show water levels have risen back to their normal range.

The next semi-annual sampling round will be scheduled in October 2025. If you have any questions, please feel free to contact me directly at (914) 461-2961.

Kind regards,

WSP USA



John Benvegna, PG(NY)  
Vice President, Hydrogeologist

JB:cmm

Enclosures

cc: Hugh J. Greechan, Jr., PE  
John Inserra  
Michele Wittman, P.G.

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## **TABLES**

TABLE 1  
WESTCHESTER COUNTY AIRPORT  
Sample Analyte List - April 2025

| Well<br>(BR) = Bedrock | PFAS<br>EPA 1633           | Volatile<br>Organics | 1,4-Dioxane | Glycols | Well Depth*<br>(ft bg) |
|------------------------|----------------------------|----------------------|-------------|---------|------------------------|
| DPW-2                  | X                          | X                    |             |         | 12                     |
| DPWMW-3                | Not Sampled - Well Damaged |                      |             |         | 14                     |
| FMW-2R                 | X                          |                      |             |         | 12                     |
| FMW-3                  | Not Sampled - Well Damaged |                      |             |         | 15                     |
| FMW-6                  | Not Sampled - Well Damaged |                      |             |         | 11                     |
| FMW-8                  | X                          | X                    |             |         | 11                     |
| FMW-14                 | X                          | X                    |             |         | 16                     |
| FMW-15                 | X                          | X                    |             |         | 15                     |
| FMW-16                 | X                          |                      |             |         | 16                     |
| FMW-17                 | WATER LEVEL ONLY           |                      |             |         | 11                     |
| FMW-23 BR              | X                          | X                    |             |         | 43                     |
| FMW-24                 | X                          |                      |             |         | 9                      |
| FMW-25                 | X                          | X                    |             | X       | 13                     |
| FMW-26                 | X                          |                      |             |         | 16                     |
| FMW-31                 | X                          | X                    |             |         | 22                     |
| FMW-35 BR              | X                          |                      |             |         | 58                     |
| FMW-37                 |                            |                      |             | X       | 14                     |
| FMW-39                 | X                          | X                    |             | X       | 6                      |
| FMW-40                 | X                          | X                    |             |         | 13                     |
| MW-3                   | WATER LEVEL ONLY           |                      |             |         | 18                     |
| MW-7S BR               | X                          | X                    | X           |         | 25                     |
| MW-16                  | X                          |                      |             |         | 12                     |
| MW-43 BR               | X                          | X                    |             |         | 68                     |
| MW-44                  | X                          |                      |             |         | 18                     |
| MW-51 BR               | X                          |                      |             |         | 52                     |
| MW-52 BR               | X                          |                      |             |         | 72                     |
| MW-53 BR               | X                          | X                    |             |         | 96                     |
| MW-54 S                | X                          |                      |             |         | 10                     |
| MW-54 D BR             | X                          |                      |             |         | 77                     |
| MW-55 S                | X                          |                      |             |         | 15                     |
| MW-55 D BR             | X                          |                      |             |         | 47                     |
| MW-56 S                | X                          |                      |             |         | 10                     |
| MW-56 D BR             | X                          |                      |             |         | 82                     |
| MW-57 BR               | X                          |                      |             |         | 82                     |
| MW-58 D                | X                          | X                    |             |         | 60                     |
| MW-59 S                | WATER LEVEL ONLY           |                      |             |         | 15                     |
| MW-59 D BR             | X                          | X                    |             |         | 77                     |
| MW-60                  | X                          |                      |             |         | 77                     |
| MW-61                  | WATER LEVEL ONLY           |                      |             |         | 12                     |
| MW-63                  | X                          |                      |             |         | 15                     |
| MW-64                  | X                          | X                    |             |         | 15                     |
| XDDMW-10 BR            |                            | X                    |             |         | 60                     |
| XDDMW-11 BR            | X                          |                      | X           | X       | 40                     |
| Hangar E MW-1          | X                          | X                    | X           | X       | 20                     |
| Hangar E MW-4          | X                          |                      |             |         | 20                     |

\*Well Depths are reported well completion depths in feet below grade.



TABLE 2  
WESTCHESTER COUNTY AIRPORT  
Sampling Results Summary - April 2025  
(see Table 6 for volatile organics)

| Well<br>(BR) = Bedrock | Total PFAS <sup>1</sup><br>(ng/L) | PFOS<br>(ng/L) | PFOA<br>(ng/L) | 1,4-Dioxane<br>(ug/L) | Glycols<br>(mg/L) | Well Depth <sup>2</sup><br>(ft bg) |
|------------------------|-----------------------------------|----------------|----------------|-----------------------|-------------------|------------------------------------|
| DPW-2                  | 33                                | 1.04           | 2.40           | ----                  | ----              | 12                                 |
| FMW-2R                 | 7.3                               | 0.95           | 1.74           | ----                  | ----              | 12                                 |
| FMW-8                  | 3,452                             | 1,990          | 231            | ----                  | ----              | 11                                 |
| FMW-14                 | 264                               | 72.7           | 26.8           | ----                  | ----              | 16                                 |
| FMW-15                 | 347                               | 211            | 15.1           | ----                  | ----              | 15                                 |
| FMW-16                 | 562                               | 113            | 28.3           | ----                  | ----              | 16                                 |
| FMW-23 (BR)            | 1,484                             | 387            | 62.0           | ----                  | ----              | 43                                 |
| FMW-24                 | 45                                | 0.93           | 14.4           | ----                  | ----              | 9                                  |
| FMW-25                 | 18                                | ND             | 6.55           | ----                  | ND                | 16                                 |
| FMW-26                 | 16                                | 8.74           | 3.15           | ----                  | ----              | 16                                 |
| FMW-31                 | 3,381                             | 1,910          | 82.7           | ----                  | ----              | 22                                 |
| FMW-35 (BR)            | 110                               | 60.3           | 3.96           | ----                  | ----              | 58                                 |
| FMW-37                 | ----                              | ----           | ----           | ----                  | ND                | 14                                 |
| FMW-39                 | 17                                | 2.21           | 2.02           | ----                  | ND                | 6                                  |
| FMW-40                 | 1,544                             | 775            | 50.1           | ----                  | ----              | 13                                 |
| MW-7S (BR)             | 182                               | 77.2           | 13.0           | 8.11                  | ----              | 25                                 |
| MW-16                  | 45                                | 14.8           | 4.20           | ----                  | ----              | 12                                 |
| MW-43 (BR)             | 473                               | 134            | 41.4           | ----                  | ----              | 68                                 |
| MW-44                  | 465                               | 117            | 58.1           | ----                  | ----              | 18                                 |
| MW-51 (BR)             | 218                               | 49.1           | 21.1           | ----                  | ----              | 52                                 |
| MW-52 (BR)             | 260                               | 2.30           | 8.34           | ----                  | ----              | 72                                 |
| MW-53 (BR)             | 579                               | 309            | 21.5           | ----                  | ----              | 96                                 |
| MW-54 S                | 51                                | 7.07           | 1.15           | ----                  | ----              | 10                                 |
| MW-54 D (BR)           | 2,712                             | 278            | 80.9           | ----                  | ----              | 77                                 |
| MW-55 S                | 1,049                             | 446            | 11.5           | ----                  | ----              | 15                                 |
| MW-55 D (BR)           | 1,066                             | 465            | 13.1           | ----                  | ----              | 47                                 |
| MW-56 S                | 437                               | 124            | 85.3           | ----                  | ----              | 10                                 |
| MW-56 D (BR)           | 8.0                               | 0.91           | 1.83           | ----                  | ----              | 82                                 |
| MW-57 (BR)             | 3.4                               | ND             | 2.07           | ----                  | ----              | 82                                 |
| MW-58 D                | 32,874                            | 424            | 480            | ----                  | ----              | 60                                 |
| MW-59 D (BR)           | 55                                | ND             | 1.37           | ----                  | ----              | 77                                 |
| MW-60 (BR)             | 3,449                             | 220            | 93.5           | ----                  | ----              | 77                                 |
| MW-63                  | 31,857                            | 1,680          | 16,900         | ----                  | ----              | 15                                 |
| MW-64                  | 13,464                            | 9,040          | 1,010          | ----                  | ----              | 15                                 |
| XDDMW-11 (BR)          | 371                               | 16.4           | 25.9           | 4.67                  | ND                | 40                                 |
| Hangar E MW-1          | 6,127                             | ND             | 162            | 980                   | ND                | 20                                 |
| Hangar E MW-4          | 4,813                             | 98.6           | 323            | ----                  | ----              | 20                                 |
| Guidence Values**      | None                              | 2.7            | 6.7            | 0.35                  | 50* / 1,000       | ----                               |

1) Sum of all detected PFAS by EPA 1633- see lab reports in the Appendix for individual PFAS detections.

2) Well Depths are reported well completion depths in feet below grade.

(ng/L) - nanograms per liter (equivalent to parts per trillion)

(ug/L) - micrograms per liter (equivalent to parts per billion)

(mg/L) - milligrams per liter (equivalent to parts per million)

< denotes less than and indicates the minimum detectable level.

ND - Not Detected (see Appendix for detection limits)

---- - Not Analyzed

\*\* NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1

2023 Addendum (PFOS, PFOA, 1-4-dioxane) 2004 Addendum (propylene glycol)

\* 50 (ethylene glycol) 1,000 (propylene glycol)

TABLE 3  
WESTCHESTER COUNTY AIRPORT  
PFAS Summary by Total PFAS Concentration

| APRIL 2025                           |                |                |                        |                                       |
|--------------------------------------|----------------|----------------|------------------------|---------------------------------------|
| Total<br>PFAS <sup>1</sup><br>(ng/L) | PFOS<br>(ng/L) | PFOA<br>(ng/L) | Well<br>(BR) = Bedrock | Well<br>Depth <sup>2</sup><br>(ft bg) |
| 32,874                               | 424            | 480            | MW-58 D                | 60                                    |
| 31,857                               | 1,680          | 16,900         | MW-63                  | 15                                    |
| 13,464                               | 9,040          | 1,010          | MW-64                  | 15                                    |
| 6,127                                | ND             | 162            | Hangar E MW-1          | 20                                    |
| 4,813                                | 98.6           | 323            | Hangar E MW-4          | 20                                    |
| 3,452                                | 1,990          | 231            | FMW-8                  | 11                                    |
| 3,449                                | 220            | 93.5           | MW-60 (BR)             | 77                                    |
| 3,381                                | 1,910          | 82.7           | FMW-31                 | 22                                    |
| 2,712                                | 278            | 80.9           | MW-54 D (BR)           | 77                                    |
| 1,544                                | 775            | 50.1           | FMW-40                 | 13                                    |
| 1,484                                | 387            | 62.0           | FMW-23 (BR)            | 43                                    |
| 1,066                                | 465            | 13.1           | MW-55 D (BR)           | 47                                    |
| 1,049                                | 446            | 11.5           | MW-55 S                | 15                                    |
| 579                                  | 309            | 21.5           | MW-53 (BR)             | 96                                    |
| 562                                  | 113            | 28.3           | FMW-16                 | 16                                    |
| 473                                  | 134            | 41.4           | MW-43 (BR)             | 68                                    |
| 465                                  | 117            | 58.1           | MW-44                  | 18                                    |
| 437                                  | 124            | 85.3           | MW-56 S                | 10                                    |
| 371                                  | 16.4           | 25.9           | XDDMW-11 (BR)          | 40                                    |
| 347                                  | 211            | 15.1           | FMW-15                 | 15                                    |
| 264                                  | 72.7           | 26.8           | FMW-14                 | 16                                    |
| 260                                  | 2.30           | 8.34           | MW-52 (BR)             | 72                                    |
| 218                                  | 49.1           | 21.1           | MW-51 (BR)             | 52                                    |
| 182                                  | 77.2           | 13.0           | MW-7S (BR)             | 25                                    |
| 110                                  | 60.3           | 3.96           | FMW-35 (BR)            | 58                                    |
| 55                                   | ND             | 1.37           | MW-59 D (BR)           | 77                                    |
| 51                                   | 7.07           | 1.15           | MW-54 S                | 10                                    |
| 45                                   | 0.93           | 14.4           | FMW-24                 | 9                                     |
| 45                                   | 14.8           | 4.20           | MW-16                  | 12                                    |
| 33                                   | 1.04           | 2.40           | DPW-2                  | 12                                    |
| 18                                   | ND             | 6.55           | FMW-25                 | 16                                    |
| 17                                   | 2.21           | 2.02           | FMW-39                 | 6                                     |
| 16                                   | 8.74           | 3.15           | FMW-26                 | 16                                    |
| 8.0                                  | 0.91           | 1.83           | MW-56 D (BR)           | 82                                    |
| 7.3                                  | 0.95           | 1.74           | FMW-2R                 | 12                                    |
| 3.4                                  | ND             | 2.07           | MW-57 (BR)             | 82                                    |
| None                                 | 2.7            | 6.7            | Guidence Values**      | —                                     |

1) Sum of all detected PFAS by EPA 1633- see lab reports in the Appendix for individual PFAS detections.

2) Well Depths are reported well completion depths in feet below grade.

ND - Not Detected (see lab report for detection limits)

(ng/L) - nanograms per liter (equivalent to parts per trillion)

\*\* NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, 2023 Addendum.

TABLE 4  
WESTCHESTER COUNTY AIRPORT  
PFAS Summary by Well

| Well<br>(BR) = Bedrock | Total PFAS <sup>1/</sup><br>all results are in nanograms per liter (ng/L) |               |              |                      |              |               |              |               |              |               |              |               |              |               | Well<br>Depth*<br>(ft bg) |
|------------------------|---------------------------------------------------------------------------|---------------|--------------|----------------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|---------------------------|
|                        | Aug.<br>2018                                                              | March<br>2019 | Oct.<br>2019 | April<br>May<br>2020 | Oct.<br>2020 | April<br>2021 | Oct.<br>2021 | April<br>2022 | Oct.<br>2022 | April<br>2023 | Oct.<br>2023 | April<br>2024 | Oct.<br>2024 | April<br>2025 |                           |
| DPW-2                  | 275                                                                       | 198           | 387          | 74                   | 238          | 299           | 239          | 29            | 140          | 387           | 401          | 104           | 386          | 33            | 12                        |
| DPWMW-3                | 37                                                                        | 35            | 6.0          | 21                   | 2.0          | 11            | 34           | 13            | 35           | 120           | 27           | 15            | **           | **            | 14                        |
| FMW-2R                 | 35                                                                        | 23            | 31           | 40                   | 3.4          | 42            | 24           | 24            | 18           | 36            | 28           | 33            | 12           | 7.3           | 12                        |
| FMW-3                  | 128                                                                       | 223           | 123          | 113                  | 78           | 82            | 132          | 23            | 43           | 35            | 60           | 74            | **           | **            | 15                        |
| FMW-6                  | 57,390                                                                    | 44,228        | 37,229       | 36,094               | 29,068       | 46,629        | 73,450       | 21,366        | 105,450      | 54,301        | 42,012       | 27,285        | **           | **            | 11                        |
| FMW-7                  | 31,983                                                                    | 28,424        | 34,645       | 14,993               | 10,115       | 13,947        | 18,603       | 27,344        | **           | **            | **           | **            | **           | **            | 12                        |
| FMW-8                  | 3,104                                                                     | 5,223         | 3,998        | 4,713                | 2,498        | 3,368         | 3,759        | 3,497         | 2,976        | 5,446         | 2,803        | 4,447         | 2,502        | 3,452         | 11                        |
| FMW-14                 | 346                                                                       | 492           | 350          | 298                  | 198          | 278           | 279          | 314           | 144          | 291           | 346          | 415           | 399          | 264           | 16                        |
| FMW-15                 | 305                                                                       | 103           | 373          | 179                  | 497          | 218           | 658          | 130           | 1,271        | 484           | 576          | 224           | 721          | 347           | 15                        |
| FMW-16                 | 899                                                                       | 769           | 624          | 843                  | 950          | 806           | 1,070        | 710           | 938          | 1,068         | 1,734        | 2,051         | 801          | 562           | 16                        |
| FMW-17                 | 7,407                                                                     | 4,412         | 3,753        | 4,369                | 2,197        | 630           | 2,068        | 791           | 1,229        | **            | **           | **            | **           | **            | 11                        |
| FMW-23 (BR)            | 1,735                                                                     | 1,843         | 2,066        | 1,838                | 1,680        | 1,807         | 1,480        | 1,671         | 1,365        | 2,842         | 2,542        | 1,902         | 1,943        | 1,484         | 43                        |
| FMW-24                 | 77                                                                        | 79            | 75           | 52                   | 39           | 47            | 45           | 101           | 42           | 42            | 40           | 38            | 99           | 45            | 9                         |
| FMW-25                 | 36                                                                        | 42            | 29           | 27                   | 23           | 18            | 34           | 26            | 26           | 28            | 41           | 29            | 29           | 18            | 13                        |
| FMW-26                 | 25                                                                        | 28            | 94           | 21                   | 62           | 11            | 36           | 32            | 80           | 23            | 30           | 31            | 96           | 16            | 16                        |
| FMW-31                 | 9,519                                                                     | 10,544        | 8,063        | 8,768                | 9,545        | 6,988         | 8,139        | 6,141         | 11,029       | 6,481         | 8,705        | 7,254         | 9,825        | 3,381         | 22                        |
| FMW-35 (BR)            | 178                                                                       | 242           | 327          | 312                  | 234          | 220           | 265          | 246           | 234          | 224           | 256          | 226           | 203          | 110           | 58                        |
| FMW-39                 | 38                                                                        | 7.7           | 11           | 3.6                  | ND           | 19            | 144          | ND            | 31           | 15            | 59           | 84            | Dry          | 17            | 6                         |
| FMW-40                 | 1,337                                                                     | 2,124         | 2,167        | 1,864                | 1,922        | 1,834         | 1,474        | 2,047         | 1,903        | 1,256         | 1,836        | 1,405         | 2,296        | 1,544         | 13                        |
| MW-3                   | 93                                                                        | 90            | 77           | 86                   | **           | **            | **           | **            | **           | **            | **           | **            | **           | **            | 18                        |
| MW-7S (BR)             | 294                                                                       | 362           | 325          | 221                  | **           | **            | 280          | 324           | 290          | 254           | 302          | 432           | 183          | 182           | 25                        |
| MW-16                  | 110                                                                       | 196           | 101          | 75                   | 35           | **            | **           | **            | **           | 64            | 111          | 82            | 60           | 45            | 12                        |
| MW-43 (BR)             | 569                                                                       | 596           | 870          | 787                  | 673          | 500           | 587          | 680           | 580          | 536           | 638          | 505           | 508          | 473           | 68                        |
| MW-44                  | 508                                                                       | 450           | 544          | 440                  | 586          | **            | **           | 530           | 509          | 511           | 576          | 419           | 502          | 465           | 18                        |
| MW-51                  | **                                                                        | **            | **           | 239                  | **           | **            | 221          | 579           | 634          | 350           | 302          | 301           | 353          | 218           | 52                        |
| MW-52 (BR)             | **                                                                        | **            | **           | 236                  | **           | **            | 224          | 30            | 17           | 23            | 19           | 7.4           | 191          | 260           | 72                        |
| MW-53 (BR)             | **                                                                        | **            | **           | 1,909                | **           | **            | 1,125        | 736           | **           | 1,127         | 1,427        | 1,433         | 1,254        | 579           | 96                        |
| MW-54 S                | **                                                                        | **            | **           | 18                   | **           | **            | 125          | 4.0           | 155          | 103           | 550          | 11            | 335          | 51            | 10                        |
| MW-54 D (BR)           | **                                                                        | **            | **           | 2,800                | **           | **            | 2,737        | 4,100         | 3,687        | 2,829         | 2,827        | 2,993         | 3,276        | 2,712         | 77                        |
| MW-55 S                | **                                                                        | **            | **           | 2,123                | **           | **            | 2,611        | 3,824         | 3,183        | 2,755         | 1,355        | 1,576         | 2,263        | 1,049         | 15                        |
| MW-55 D (BR)           | **                                                                        | **            | **           | 609                  | **           | **            | 1,150        | 1,680         | 1,190        | 1,235         | 1,245        | 1,300         | 1,357        | 1,066         | 47                        |
| MW-56 S                | **                                                                        | **            | **           | 947                  | **           | **            | 1,076        | 353           | 944          | 764           | 1,048        | 722           | 1,085        | 437           | 10                        |
| MW-56 D (BR)           | **                                                                        | **            | **           | 11                   | **           | **            | 6.0          | 5.0           | 7.0          | 9.0           | 10           | 5.0           | 11           | 8.0           | 82                        |
| MW-57 (BR)             | **                                                                        | **            | **           | 19                   | **           | **            | 4.7          | 6.0           | 5.0          | 14            | 8.0          | 9.5           | 7.6          | 3.4           | 82                        |
| MW-58 S                | **                                                                        | **            | **           | Dry                  | **           | **            | Dry          | Dry           | Dry          | Dry           | Dry          | Dry           | Dry          | Dry           | 21                        |
| MW-58 D                | **                                                                        | **            | **           | 30,946               | **           | **            | 32,369       | 10,339        | 31,357       | 7,009         | 16,332       | 13,500        | 23,317       | 32,874        | 60                        |
| MW-59 S                | **                                                                        | **            | **           | 31                   | **           | **            | 82           | 60            | 49           | **            | **           | **            | **           | **            | 15                        |
| MW-59 D (BR)           | **                                                                        | **            | **           | 58                   | **           | **            | 37           | 97            | 30           | 24            | 17           | 12            | 6.0          | 55            | 77                        |
| MW-60 (BR)             | **                                                                        | **            | **           | 4,168                | **           | **            | 3,439        | 4,575         | 4,585        | 4,274         | 4,444        | 3,716         | 3,787        | 3,449         | 77                        |
| MW-61                  | **                                                                        | **            | **           | 139                  | **           | **            | **           | 148           | **           | **            | **           | **            | **           | **            | 12                        |
| MW-63                  | **                                                                        | **            | **           | 65,880               | **           | **            | **           | 21,368        | 53,835       | 33,620        | 38,822       | 28,177        | 39,699       | 31,857        | 15                        |
| MW-64                  | **                                                                        | **            | **           | 23,791               | **           | **            | **           | **            | 15,977       | 15,485        | 13,751       | 15,417        | 14,323       | 13,464        | 15                        |
| XDDMW-11 (BR)          | 1,283                                                                     | 544           | 272          | 455                  | 410          | 503           | 430          | 458           | 456          | 495           | 406          | 227           | 321          | 371           | 40                        |
| Hangar E MW-1          | **                                                                        | **            | 6,283        | 5,010                | 4,075        | 4,603         | 5,374        | 5,890         | 6,714        | 4,572         | 6,270        | 5,987         | 6,648        | 6,127         | 20                        |
| Hangar E MW-3          | **                                                                        | **            | 2,949        | 1,778                | **           | **            | **           | **            | **           | **            | **           | **            | **           | **            | 20                        |
| Hangar E MW-4          | **                                                                        | **            |              | 5,985                | 3,632        | 4,117         | 5,074        | 12,317        | 8,163        | 6,566         | 4,143        | 4,968         | 5,529        | 4,813         | 20                        |

<sup>1/</sup> Total PFAS is the sum of all detected PFAS. Since April 2023 PFAS has been analyzed by EPA Method 1633 which includes 40 compounds. The previous method, EPA 537.1 M included 21 compounds.

FMW-6 was re-sampled on November 3, 2022 to confirm October 2022 results. The resample results were 87,242 ng/l.

\*Well Depths are reported well completion depths in feet below grade.

\*\* PFAS not analyzed or well not sampled.

TABLE 5  
WESTCHESTER COUNTY AIRPORT  
1,4-Dioxane Summary <sup>1/</sup>

| Well<br>(BR) = Bedrock<br>Well | 1,4-Dioxane (ug/l) |              |              |              |              |              |              |              |              |              |              |              |              |              | Well<br>Depth*<br>(ft bg) | Guidance<br>Value <sup>2/</sup><br>(ug/L) |
|--------------------------------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------|-------------------------------------------|
|                                | Aug.<br>2018       | Mar.<br>2019 | Oct.<br>2019 | Apr.<br>2020 | Oct.<br>2020 | Apr.<br>2021 | Oct.<br>2021 | Apr.<br>2022 | Oct.<br>2022 | Apr.<br>2023 | Oct.<br>2023 | Apr.<br>2024 | Oct.<br>2024 | Apr.<br>2025 |                           |                                           |
| MW-3                           | **                 | **           | **           | 0.42         | 9.3          | **           | **           | **           | **           | **           | **           | **           | **           | **           | 18                        | 0.35                                      |
| MW-7S (BR)                     | **                 | 32.0         | 32.4         | 30.3         | 11.4         | 22.0         | 55.2         | 18.0         | 30.4         | 16.8         | 16.6         | 15.1         | 5.94         | 8.11         | 25                        |                                           |
| MW-10D (BR)                    | **                 | 5.0          | 6.58         | **           | **           | **           | **           | **           | **           | **           | **           | **           | **           | **           | 55                        |                                           |
| MW-10S (BR)                    | **                 | 8.40         | 9.72         | 9.38         | 6.94         | **           | **           | **           | **           | **           | **           | **           | **           | **           | 37                        |                                           |
| XDDMW-10 (BR)                  | **                 | 2.50         | 2.00         | **           | **           | **           | **           | **           | **           | **           | **           | **           | **           | **           | 60                        |                                           |
| XDDMW-11 (BR)                  | 4.50               | 3.82         | 2.00         | 4.44         | 4.22         | 5.60         | 4.00         | 5.17         | 6.67         | 5.46         | 5.52         | 3.70         | 2.21         | 4.67         | 40                        |                                           |
| Hangar E MW-1                  | **                 | **           | 1,940        | 470          | 2,590        | 580          | 1,750        | 920          | 2,860        | 1,700        | 2,290        | 1,170        | 572          | 980          | 20                        |                                           |
| Hangar E MW-2                  | **                 | **           | 263          | 420          | 440          | 889          | **           | **           | **           | **           | **           | **           | **           | **           | 20                        |                                           |
| Hangar E MW-3                  | **                 | **           | 17.2         | 42.6         | **           | **           | **           | **           | **           | **           | **           | **           | **           | **           | 20                        |                                           |
| Hangar E MW-4                  | **                 | **           | 28.3         | 27.7         | 13.1         | 32.0         | 17.4         | 25.2         | 17.3         | **           | **           | **           | **           | **           | 20                        |                                           |

1/ See Figure 3 for identification and location of all tested wells.

2/ NYSDEC Division of Water Technical and Operational Guidance Series, 2023 Addendum.

\*Well Depths are reported well completion depths in feet below grade.

(ug/L) - micrograms per liter (equivalent to parts per billion)

ND - Not Detected (see Appendix for detection limits)

\*\* Not Analyzed

TABLE 6  
WESTCHESTER COUNTY AIRPORT  
Volatile Organics Results

Page 1 of 3

| Sample ID                  | NYSDEC<br>TOGS | DPW-2       |               |             |               | FMW-8        |               |             |               | FMW-14       |               |             |               | FMW-15       |               |             |               | FMW-23       |               |             |               | FMW-25       |               |             |               |
|----------------------------|----------------|-------------|---------------|-------------|---------------|--------------|---------------|-------------|---------------|--------------|---------------|-------------|---------------|--------------|---------------|-------------|---------------|--------------|---------------|-------------|---------------|--------------|---------------|-------------|---------------|
| Compound                   |                | Oct<br>2023 | April<br>2024 | Oct<br>2024 | April<br>2025 | Oct.<br>2023 | April<br>2024 | Oct<br>2024 | April<br>2025 | Oct.<br>2023 | April<br>2024 | Oct<br>2024 | April<br>2025 | Oct.<br>2023 | April<br>2024 | Oct<br>2024 | April<br>2025 | Oct.<br>2023 | April<br>2024 | Oct<br>2024 | April<br>2025 | Oct.<br>2023 | April<br>2024 | Oct<br>2024 | April<br>2025 |
| Volatile Organics, 8260    | ug/L           | ug/L        | ug/L          | ug/L        | ug/L          | ug/L         | ug/L          | ug/L        | ug/L          | ug/L         | ug/L          | ug/L        | ug/L          | ug/L         | ug/L          | ug/L        | ug/L          | ug/L         | ug/L          | ug/L        | ug/L          | ug/L         | ug/L          | ug/L        | ug/L          |
| 1,1,1-Trichloroethane      | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| 1,1-Dichloroethane         | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| 1,1-Dichloroethylene       | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| 1,2,4-Trimethylbenzene     | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| 1,2-Dichlorobenzene        | 3              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| 1,2-Dichloroethane         | 0.6            | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| 1,3,5-Trimethylbenzene     | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| 1,4-Dichlorobenzene        | 3              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | 0.35 J        | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Acetone                    | 50*            | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Benzene                    | 1              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | 2.5          | 1.4           | ND          | 0.47 J        | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Chlorobenzene              | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | 19           | 29            | 7.67        | 4.07          | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Chloroethane               | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| cis-1,2-Dichloroethylene   | 5              | ND          | ND            | NT          | ND            | 0.46 J       | 0.73          | 0.44        | 0.46 J        | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | 73           | 98            | 74.6        | 144           | ND           | ND            | ND          | ND            |
| Cyclohexane                | ~              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Ethyl Benzene              | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Isopropylbenzene           | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Methyl tert-butyl ether    | 10*            | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Methylene chloride         | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Naphthalene                | 10*            | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| n-Butylbenzene             | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| n-Propylbenzene            | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| sec-Butylbenzene           | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| tert-Amyl alcohol (TAA)    | ~              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| tert-Butyl alcohol (TBA)   | ~              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| tert-Butylbenzene          | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| Tetrachloroethylene        | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | 3.62        | 12.0          | ND           | ND            | ND          | ND            |
| Toluene                    | 5              | 57          | 6.5           | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |
| trans-1,2-Dichloroethylene | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | 0.37 J       | 0.75          | 0.67        | 0.52          | ND           | ND            | ND          | ND            |
| Trichloroethylene          | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | 0.30 J       | 0.49 J        | 0.51        | 0.48 J        | ND           | ND            | ND          | ND            |
| Vinyl Chloride             | 2              | ND          | ND            | NT          | ND            | ND           | 0.22 J        | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | 31           | ND            | 4.99        | 22.7          | ND           | ND            | ND          | ND            |
| Xylenes, Total             | 5              | ND          | ND            | NT          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            | ND           | ND            | ND          | ND            |

NYSDEC TOGS - State groundwater standards  
and guidance values.

Exceeds Standard or Guidance

ug/L micrograms per liter (parts per billion)

ND - Not Detected (see Appendix for detection limits).

NT - Not Tested

\* - indicates a guidance value (not a standard).

~ - indicates no regulatory limit is established.

J - Detected below the Reporting Limit but  
above the Method Detection Limit

B - analyte found in the analysis batch blank  
indicating laboratory cross contamination.

TABLE 6  
WESTCHESTER COUNTY AIRPORT  
Volatile Organics Results

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| Sample ID                  | NYSDEC TOGS | FMW-31 (ANG well) |            |          |            | FMW-39    |           |            |          |            | FMW-40 (ANG well) |            |          |            | MW-1 (Hangar E) |            |          |            | MW-7S (Hangar D) |            |          |            |
|----------------------------|-------------|-------------------|------------|----------|------------|-----------|-----------|------------|----------|------------|-------------------|------------|----------|------------|-----------------|------------|----------|------------|------------------|------------|----------|------------|
| Compound                   |             | Oct. 2023         | April 2024 | Oct 2024 | April 2025 | Oct. 2023 | Dec. 2023 | April 2024 | Oct 2024 | April 2025 | Oct. 2023         | April 2024 | Oct 2024 | April 2025 | Oct. 2023       | April 2024 | Oct 2024 | April 2025 | Oct. 2023        | April 2024 | Oct 2024 | April 2025 |
| Volatile Organics, 8260    | ug/L        | ug/L              | ug/L       | ug/L     | ug/L       | ug/L      | ug/L      | ug/L       | ug/L     | ug/L       | ug/L              | ug/L       | ug/L     | ug/L       | ug/L            | ug/L       | ug/L     | ug/L       | ug/L             | ug/L       | ug/L     | ug/L       |
| 1,1,1-Trichloroethane      | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.30 J          | 1.40       | 5.45     | 2.27       | 2.8              | 0.8        | ND       | ND         |
| 1,1-Dichloroethane         | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 7.6             | 8.6        | 5.93     | 6.34       | 49               | 22         | 13.8     | 10.8       |
| 1,1-Dichloroethylene       | 5           | ND                | ND         | ND       | ND         | ND        | ND        | 0.41 J     | NT       | ND         | ND                | ND         | ND       | ND         | 19              | 18         | 10.1     | 7.41       | 16               | 0.49 J     | ND       | 2.08       |
| 1,2,4-Trimethylbenzene     | 5           | 6.7               | 1.0        | ND       | 10.3       | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 2.6             | ND         | ND       | ND         | 9.4              | ND         | ND       | ND         |
| 1,2-Dichlorobenzene        | 3           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.30 J          | 0.25 J     | ND       | ND         | ND               | ND         | ND       | ND         |
| 1,2-Dichloroethane         | 0.6         | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 4.8             | 3.4        | 3.15     | 2.00       | ND               | ND         | ND       | ND         |
| 1,3,5-Trimethylbenzene     | 5           | 2.6               | 0.49 J     | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.50            | ND         | ND       | ND         | 2.4              | ND         | ND       | ND         |
| 1,4-Dichlorobenzene        | 3           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | ND       | ND         | ND               | ND         | ND       | ND         |
| Acetone                    | 50*         | 6.6               | 1.5 J      | ND       | 1.62 J     | ND        | ND        | 3.4        | NT       | ND         | 1.8 J             | ND         | ND       | ND         | ND              | ND         | ND       | ND         | 5.9 J            | 2.7        | ND       | 14.4       |
| Benzene                    | 1           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | 0.61       | ND       | 0.52       | ND               | 0.43 J     | ND       | ND         |
| Chlorobenzene              | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | ND       | ND         | ND               | ND         | ND       | ND         |
| Chloroethane               | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 14.0            | 26.0       | 12.1     | 5.56       | ND               | ND         | ND       | ND         |
| cis-1,2-Dichloroethylene   | 5           | 0.74              | 0.32 J     | 0.99     | 0.31 J     | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 3.7             | 3.0        | 2.14     | 2.05       | 22               | 2.4        | 0.44 J   | 10.2       |
| Cyclohexane                | ~           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.43 J          | 0.31 J     | ND       | ND         | ND               | ND         | ND       | ND         |
| Ethyl Benzene              | 5           | 1.3               | 1.2        | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.37 J          | ND         | ND       | ND         | 3.3              | ND         | ND       | ND         |
| Isopropylbenzene           | 5           | 3.4               | 3.6        | ND       | 3.38       | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.27 J          | 0.32 J     | ND       | ND         | ND               | ND         | ND       | ND         |
| Methyl tert-butyl ether    | 10*         | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | ND       | ND         | ND               | ND         | ND       | ND         |
| Methylene chloride         | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | ND       | ND         | ND               | ND         | ND       | ND         |
| Naphthalene                | 10*         | ND                | ND         | ND       | 5.99       | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | ND       | ND         | ND               | ND         | ND       | ND         |
| n-Butylbenzene             | 5           | ND                | 0.39 J     | 0.39 J   | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 1.4             | ND         | ND       | ND         | 1.8 J            | ND         | ND       | ND         |
| n-Propylbenzene            | 5           | 4.6               | 5.0        | ND       | 3.26       | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.32 J          | ND         | ND       | ND         | 1.4 J            | ND         | ND       | ND         |
| sec-Butylbenzene           | 5           | 0.62              | 0.98       | ND       | 0.73       | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.48 J          | 0.37 J     | ND       | ND         | ND               | ND         | ND       | ND         |
| tert-Amyl alcohol (TAA)    | ~           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | 291      | ND         | ND               | ND         | ND       | ND         |
| tert-Butyl alcohol (TBA)   | ~           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 10              | ND         | 8.50     | ND         | ND               | ND         | ND       | ND         |
| tert-Butylbenzene          | 5           | 0.95              | 1.1        | ND       | 0.58       | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.38 J          | 0.30 J     | ND       | ND         | ND               | ND         | ND       | ND         |
| Tetrachloroethylene        | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | ND       | ND         | 8.8              | ND         | ND       | 4.10       |
| Toluene                    | 5           | ND                | ND         | ND       | ND         | 790       | 1.1       | 590        | NT       | 3.67       | ND                | ND         | ND       | ND         | 0.25 J          | ND         | ND       | ND         | ND               | 0.32 J     | ND       | ND         |
| trans-1,2-Dichloroethylene | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | ND              | ND         | ND       | ND         | ND               | 0.25 J     | 0.30 J   | ND         |
| Trichloroethylene          | 5           | ND                | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 0.46 J          | 0.48 J     | ND       | ND         | 10               | 1.1        | ND       | 0.30 J     |
| Vinyl Chloride             | 2           | 0.52              | 0.41 J     | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 64              | 77         | 91.2     | 58.8       | 4.2              | 16         | 10.9     | 4.55       |
| Xylenes, Total             | 5           | 0.75 J            | ND         | ND       | ND         | ND        | ND        | ND         | NT       | ND         | ND                | ND         | ND       | ND         | 2.0             | 0.63 J     | ND       | ND         | 12               | ND         | ND       | ND         |

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ug/L micrograms per liter (parts per billion)

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TABLE 6  
WESTCHESTER COUNTY AIRPORT  
Volatile Organics Results

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| Sample ID                  |             | MW-43 (Former Hangar B) |            |          |            | MW-53      |          |            | MW-58D   |            | MW-59D    |            |          |            | MW-64     |            |          |            | XDDMW-10  |            |          |            |
|----------------------------|-------------|-------------------------|------------|----------|------------|------------|----------|------------|----------|------------|-----------|------------|----------|------------|-----------|------------|----------|------------|-----------|------------|----------|------------|
| Compound                   | NYSDEC TOGS | Oct. 2023               | April 2024 | Oct 2024 | April 2025 | April 2024 | Oct 2024 | April 2025 | May 2020 | April 2025 | Oct. 2023 | April 2024 | Oct 2024 | April 2025 | Oct. 2023 | April 2024 | Oct 2024 | April 2025 | Oct. 2023 | April 2024 | Oct 2024 | April 2025 |
| Volatile Organics, 8260    | ug/L        | ug/L                    | ug/L       | ug/L     | ug/L       | ug/L       | ug/L     | ug/L       | ug/L     | ug/L       | ug/L      | ug/L       | ug/L     | ug/L       | ug/L      | ug/L       | ug/L     | ug/L       | ug/L      | ug/L       | ug/L     | ug/L       |
| 1,1,1-Trichloroethane      | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| 1,1-Dichloroethane         | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 2.60      | 0.65       | 1.50     | 1.94       |
| 1,1-Dichloroethylene       | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| 1,2,4-Trimethylbenzene     | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 0.28 J    | ND         | ND       | ND         |
| 1,2-Dichlorobenzene        | 3           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| 1,2-Dichloroethane         | 0.6         | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 1.50      | 0.74       | 0.63     | 0.77       | ND        | ND         | ND       | ND         |
| 1,3,5-Trimethylbenzene     | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| 1,4-Dichlorobenzene        | 3           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Acetone                    | 50*         | ND                      | ND         | ND       | ND         | 1.20 J     | ND       | ND         | 2.70     | ND         | ND        | ND         | ND       | 107        | 1.20 J    | 1.0 J      | ND       | ND         | ND        | ND         | ND       | ND         |
| Benzene                    | 1           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Chlorobenzene              | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Chloroethane               | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| cis-1,2-Dichloroethylene   | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 0.51      | 0.24 J     | 0.36 J   | ND         | 4.00      | 1.20       | 2.17     | 3.33       |
| Cyclohexane                | ~           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | 4.7        | 5.8      | 0.66       | ND        | ND         | ND       | ND         |
| Ethyl Benzene              | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Isopropylbenzene           | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Methyl tert-butyl ether    | 10*         | 3.80                    | 4.60       | 4.97     | 3.25       | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 0.71      | 0.59       | 0.52     | 0.44 J     | ND        | ND         | ND       | ND         |
| Methylene chloride         | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | 100        | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Naphthalene                | 10*         | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| n-Butylbenzene             | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| n-Propylbenzene            | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| sec-Butylbenzene           | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 0.25 J    | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| tert-Amyl alcohol (TAA)    | ~           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| tert-Butyl alcohol (TBA)   | ~           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| tert-Butylbenzene          | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 0.39 J    | 0.28 J     | 0.41 J   | ND         | ND        | ND         | ND       | ND         |
| Tetrachloroethylene        | 5           | ND                      | ND         | 1.06     | 0.28 J     | ND         | 2.04     | ND         | ND       | 2.20       | ND        | ND         | 5.22     | 5.54       | 2.30      | ND         | ND       | 3.14       | ND        | ND         | 3.23     | 8.73       |
| Toluene                    | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | 0.42 J   | ND         | 1.10      | ND         | ND       | 1.11       | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| trans-1,2-Dichloroethylene | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Trichloroethylene          | 5           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |
| Vinyl Chloride             | 2           | ND                      | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | 4.80      | 2.80       | 2.54     | 1.42       | ND        | ND         | ND       | ND         |
| Xylenes, Total             | 5           | 0.93 J                  | ND         | ND       | ND         | ND         | ND       | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         | ND        | ND         | ND       | ND         |

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TABLE 7  
WESTCHESTER COUNTY AIRPORT  
Field Duplicate Results

| Date                                               | 04/14/25 |                 | 04/17/25 |                 |
|----------------------------------------------------|----------|-----------------|----------|-----------------|
| Sample ID                                          | MW-63    | Field Duplicate | MW-7S    | Field Duplicate |
| PFAS Method 1633                                   | ng/L     | ng/L            | ng/L     | ng/L            |
| 11CL-PF3OUdS                                       | ND       | ND              | ND       | ND              |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND       | ND              | ND       | ND              |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND       | ND              | ND       | ND              |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 263      | < 375           | ND       | ND              |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | ND       | ND              | ND       | ND              |
| 3-Perfluoropentyl propanoic acid (FPePA)           | ND       | ND              | ND       | ND              |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | ND       | ND              | <1.90    | 70.1            |
| 9CL-PF3ONS                                         | ND       | ND              | ND       | ND              |
| ADONA                                              | ND       | ND              | ND       | ND              |
| HFPO-DA (Gen-X)                                    | ND       | ND              | ND       | ND              |
| N-EtFOSA                                           | ND       | ND              | ND       | ND              |
| N-EtFOSAA                                          | ND       | ND              | ND       | ND              |
| N-EtFOSE                                           | ND       | ND              | ND       | ND              |
| N-MeFOSA                                           | ND       | ND              | ND       | ND              |
| N-MeFOSAA                                          | ND       | ND              | ND       | ND              |
| N-MeFOSE                                           | ND       | ND              | ND       | ND              |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND       | ND              | ND       | ND              |
| Perfluoro-1-decanesulfonic acid (PFDS)             | ND       | ND              | ND       | ND              |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 152      | 131             | ND       | ND              |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | ND       | ND              | ND       | ND              |
| Perfluoro-1-octanesulfonamide (FOSA)               | ND       | ND              | ND       | ND              |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 564      | 464             | 1.66     | 1.80            |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND       | ND              | ND       | ND              |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | ND       | ND              | ND       | ND              |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | ND       | ND              | ND       | ND              |
| Perfluorobutanesulfonic acid (PFBS)                | 324      | 298             | 3.50     | 3.60            |
| Perfluorodecanoic acid (PFDA)                      | ND       | ND              | 1.70     | 1.48            |
| Perfluorododecanesulfonic acid (PFDoS)             | ND       | ND              | ND       | ND              |
| Perfluorododecanoic acid (PFDoA)                   | ND       | ND              | ND       | ND              |
| Perfluoroheptanoic acid (PFHpA)                    | 349      | 342             | 13.2     | 12.5            |
| Perfluorohexanesulfonic acid (PFHxS)               | 9,650    | 8,300           | 18.7     | 17.7            |
| Perfluorohexanoic acid (PFHxA)                     | 1,380    | 1,310           | 14.0     | 13.6            |
| Perfluoro-n-butanoic acid (PFBA)                   | 158      | < 16.5          | 8.63     | 6.64            |
| Perfluorononanoic acid (PFNA)                      | 27.6     | 28.5            | 12.9     | 9.74            |
| Perfluorooctanesulfonic acid (PFOS)                | 1,680    | 1,590           | 77.2     | 75.3            |
| Perfluorooctanoic acid (PFOA)                      | 16,900   | 12,400          | 13.0     | 12.4            |
| Perfluoropentanoic acid (PFPeA)                    | 409      | 410             | 17.1     | 17.3            |
| Perfluorotetradecanoic acid (PFTA)                 | ND       | ND              | ND       | ND              |
| Perfluorotridecanoic acid (PFTrDA)                 | ND       | ND              | ND       | ND              |
| Perfluoroundecanoic acid (PFUnA)                   | ND       | ND              | ND       | ND              |
| Total PFAS                                         | 31,857   | 25,274          | 182      | 242             |

| Date                       | 04/17/25 |                 |
|----------------------------|----------|-----------------|
| Sample ID                  | MW-7S    | Field Duplicate |
| Volatile Organics, 8260    | ug/L     | ug/L            |
| 1,1,1-Trichloroethane      | ND       | ND              |
| 1,1-Dichloroethane         | 10.8     | 10.3            |
| 1,1-Dichloroethylene       | 2.08     | 1.98            |
| 1,2-Dichlorobenzene        | ND       | ND              |
| 1,2-Dichloroethane         | ND       | ND              |
| Acetone                    | 14.4     | 13.0            |
| Benzene                    | ND       | ND              |
| Carbon disulfide           | ND       | ND              |
| Chloroethane               | ND       | ND              |
| Chloroform                 | ND       | ND              |
| cis-1,2-Dichloroethylene   | 10.2     | 9.83            |
| Cyclohexane                | ND       | ND              |
| Isopropylbenzene           | ND       | ND              |
| Methylcyclohexane          | ND       | ND              |
| sec-Butylbenzene           | ND       | ND              |
| tert-Amyl alcohol (TAA)    | ND       | ND              |
| tert-Butyl alcohol (TBA)   | ND       | ND              |
| tert-Butylbenzene          | ND       | ND              |
| Tetrachloroethylene        | 4.10     | 3.95            |
| Toluene                    | ND       | ND              |
| trans-1,2-Dichloroethylene | ND       | ND              |
| Trichloroethylene          | 0.30     | 0.29            |
| Vinyl Chloride             | 4.55     | 4.48            |
| Xylenes, Total             | ND       | ND              |
| Semi-Volatiles 8270 SIM    | ug/l     | ug/l            |
| 1,4-Dioxane                | 8.11     | 8.78            |

ng/L = nanograms per liter or parts per trillion.

ug/L = micrograms per liter or parts per billion.

ND - not detected (see Appendix for detection limits).

< denotes less than and indicates the minimum detectable level.

J - analyte detected at or above the method detection limit

but below the reporting limit - data is estimated.



TABLE 8  
WESTCHESTER COUNTY AIRPORT  
Groundwater Level Measurements - April 2025

| Well<br>(BR) = Bedrock Well | Date | Top of Casing<br>Elevation<br>(ft msl) | Depth to<br>Groundwater<br>(ft btoc) | Groundwater<br>Elevation<br>(ft msl) | Well<br>Depth*<br>(ft bg) |
|-----------------------------|------|----------------------------------------|--------------------------------------|--------------------------------------|---------------------------|
| DPW-2                       | 4/14 | NA                                     | 2.80                                 | NA                                   | 12                        |
| FMW-2R                      | 4/16 | 398.60                                 | 2.48                                 | 396.12                               | 12                        |
| FMW-8                       | 4/14 | 423.40                                 | 0.01                                 | 423.39                               | 11                        |
| FMW-14                      | 4/17 | 404.69                                 | 4.39                                 | 400.30                               | 16                        |
| FMW-15                      | 4/15 | 415.29                                 | 8.80                                 | 406.49                               | 15                        |
| FMW-16                      | 4/15 | 416.20                                 | 4.06                                 | 412.14                               | 16                        |
| FMW-17                      | 4/15 | 422.37                                 | 0.70                                 | 421.67                               | 11                        |
| FMW-23 (BR)                 | 4/17 | 423.72                                 | 0.01                                 | 423.71                               | 43                        |
| FMW-24                      | 4/16 | 394.21                                 | 0.96                                 | 393.25                               | 9                         |
| FMW-25                      | 4/14 | 375.35                                 | 4.91                                 | 370.44                               | 13                        |
| FMW-26                      | 4/14 | 404.79                                 | 4.44                                 | 400.35                               | 16                        |
| FMW-31                      | 4/17 | 428.37                                 | 9.10                                 | 419.27                               | 22                        |
| FMW-35 (BR)                 | 4/17 | 440.53                                 | 18.66                                | 421.87                               | 58                        |
| FMW-37                      | 4/17 | 425.71                                 | 5.96                                 | 419.75                               | 14                        |
| FMW-39                      | 4/16 | 388.77                                 | 3.59                                 | 385.18                               | 6                         |
| FMW-40                      | 4/17 | 428.93                                 | 7.74                                 | 421.19                               | 13                        |
| MW-3                        | 4/17 | 409.54                                 | 10.62                                | 398.92                               | 18                        |
| MW-7S (BR)                  | 4/17 | 409.16                                 | 8.47                                 | 400.69                               | 25                        |
| MW-16                       | 4/15 | NA                                     | 3.85                                 | NA                                   | 12                        |
| MW-43 (BR)                  | 4/14 | 417.08                                 | 5.50                                 | 411.58                               | 68                        |
| MW-44                       | 4/14 | 417.66                                 | 5.44                                 | 412.22                               | 18                        |
| MW-51 (BR)                  | 4/15 | 421.83                                 | 4.42                                 | 417.41                               | 52                        |
| MW-52 (BR)                  | 4/17 | 414.60                                 | 12.48                                | 402.12                               | 72                        |
| MW-53 (BR)                  | 4/17 | 423.48                                 | 5.45                                 | 418.03                               | 96                        |
| MW-54 S                     | 4/18 | 419.66                                 | 7.38                                 | 412.28                               | 10                        |
| MW-54 D (BR)                | 4/18 | 425.14                                 | 12.51                                | 412.63                               | 77                        |
| MW-55 S                     | 4/18 | 407.75                                 | 4.12                                 | 403.63                               | 15                        |
| MW-55 D (BR)                | 4/18 | 411.68                                 | 10.81                                | 400.87                               | 47                        |
| MW-56 S                     | 4/18 | 406.02                                 | 5.65                                 | 400.37                               | 10                        |
| MW-56 D (BR)                | 4/18 | 387.55                                 | 7.22                                 | 380.33                               | 82                        |
| MW-57 (BR)                  | 4/14 | 401.44                                 | 5.27                                 | 396.17                               | 82                        |
| MW-58 S                     | 4/16 | 386.98                                 | Dry                                  | <365.48                              | 20                        |
| MW-58 D                     | 4/16 | 386.53                                 | 34.14                                | 352.39                               | 60                        |
| MW-59 S                     | 4/16 | 387.12                                 | 5.00                                 | 382.12                               | 15                        |
| MW-59 D (BR)                | 4/16 | 387.84                                 | 3.85                                 | 383.99                               | 77                        |
| MW-60 (BR)                  | 4/15 | 415.67                                 | 9.53                                 | 406.14                               | 77                        |
| MW-61                       | 4/17 | 426.27                                 | 0.05                                 | 426.22                               | 12                        |
| MW-63                       | 4/14 | 420.80                                 | 0.07                                 | 420.73                               | 15                        |
| MW-64                       | 4/17 | 418.77                                 | 1.38                                 | 417.39                               | 15                        |
| XDDMW-10 (BR)               | 4/15 | 409.69                                 | 25.41                                | 384.28                               | 60                        |
| XDDMW-11 (BR)               | 4/15 | 409.19                                 | 19.60                                | 389.59                               | 40                        |
| Hangar E MW-1               | 4/16 | 396.36                                 | 10.45                                | 385.91                               | 20                        |
| Hangar E MW-4               | 4/16 | 396.53                                 | 10.20                                | 386.33                               | 20                        |

\*Well Depths are reported well completion depths in feet below grade.

(ft msl) - feet above mean sea level

(ft btoc) - feet below top of casing

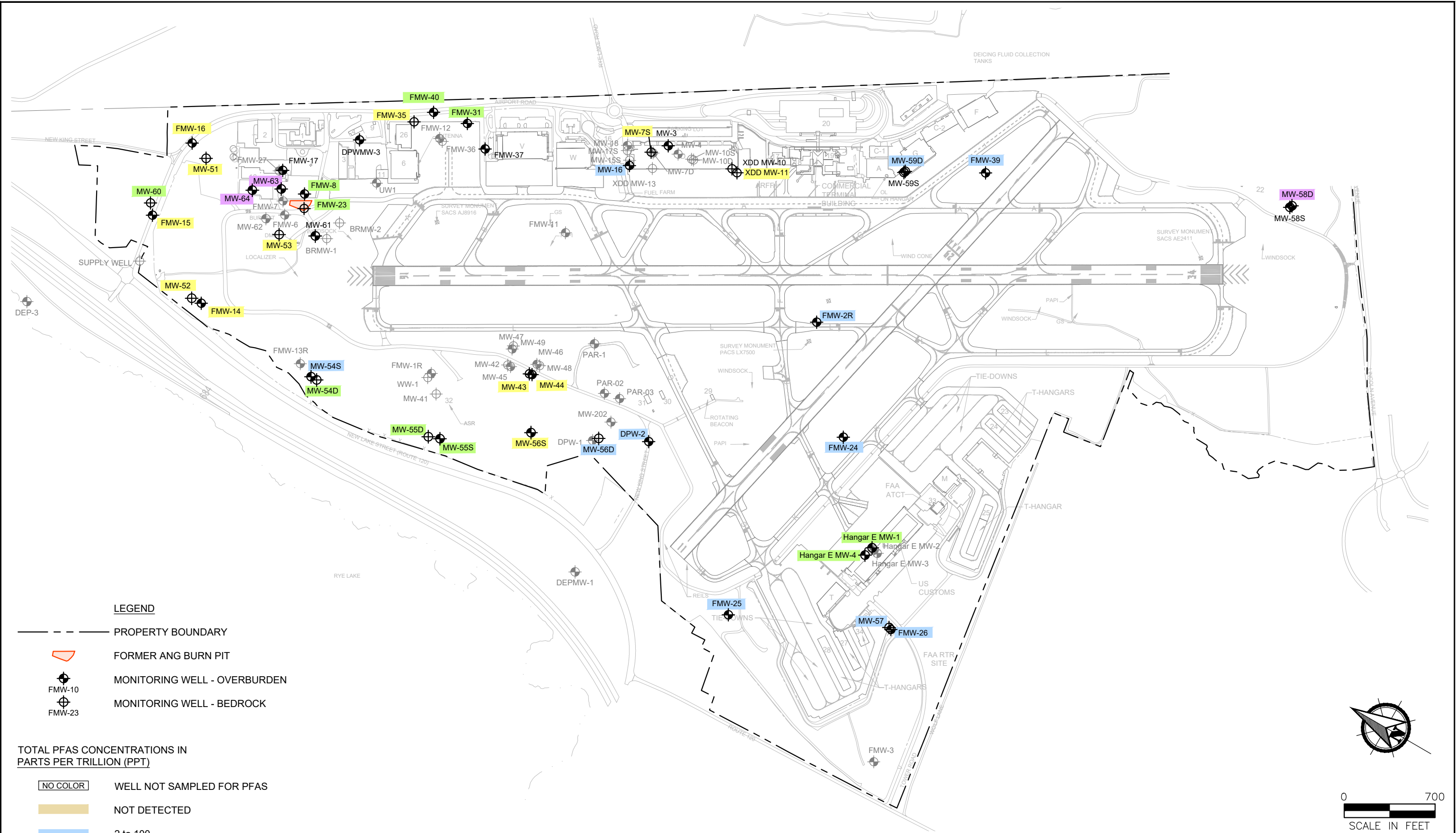
NA - Not Available

NM - Not Measured



## FIGURES

O:\DWG\Westchester County Airport\2025\F1 TotalPFAS-2504.dwg, Layout1, 5/14/2025 6:04:33 AM



B

SOURCE:  
DY CONSULTANTS TEAM "EXISTING AIRPORT LAYOUT DRAWING", DATED ISSUED DEC 2017, SHEET 3 OF 16.



WSP USA, Inc.  
500 Summit Lake Drive  
Suite 450  
Valhalla, New York 10595  
(914) 747-1120

Drawn By: RAC  
Checked: JB  
Approved: JB  
DWG Date: 05/13/25

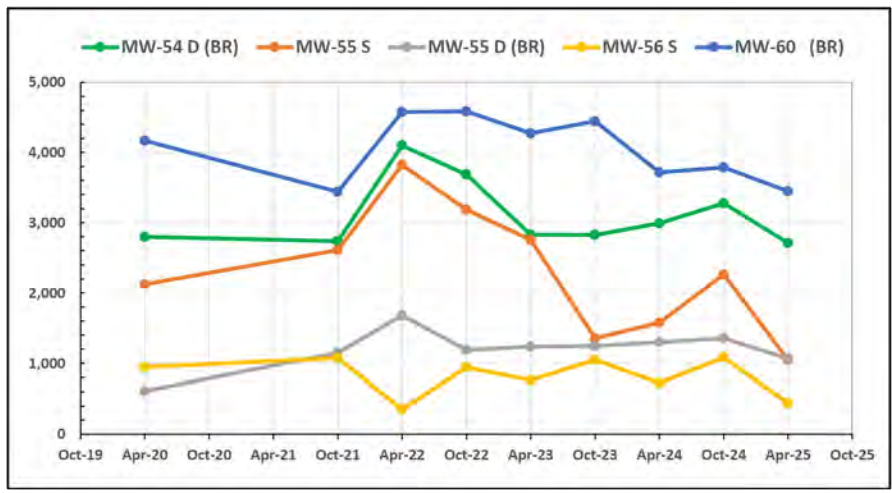
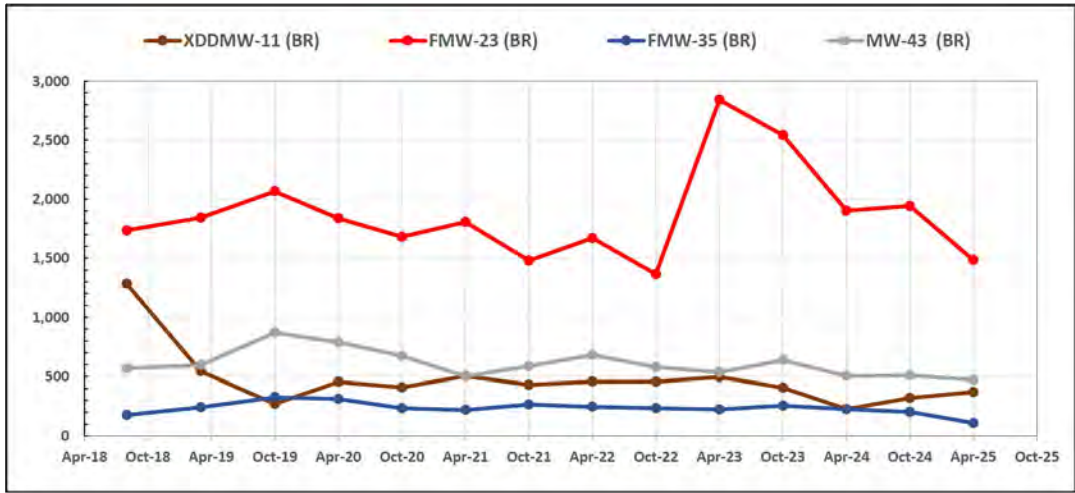
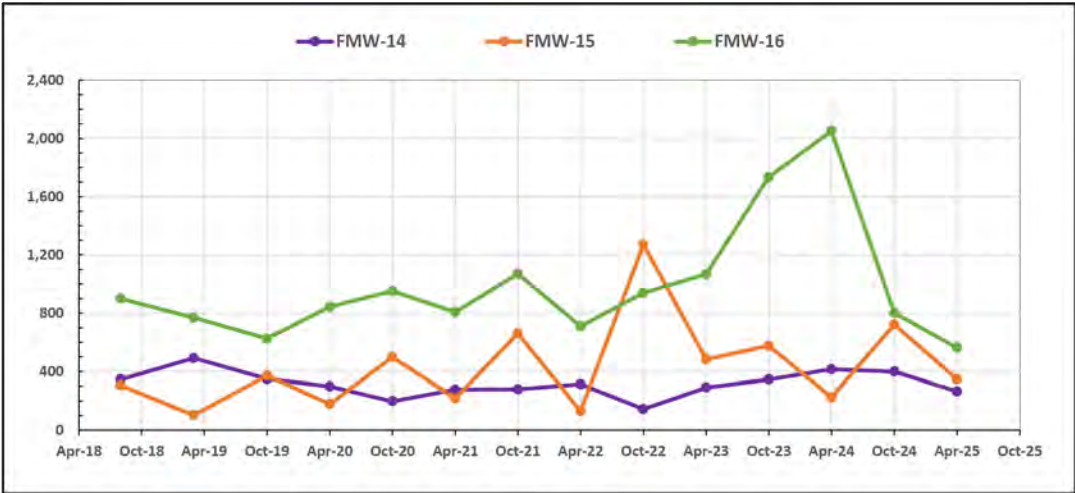
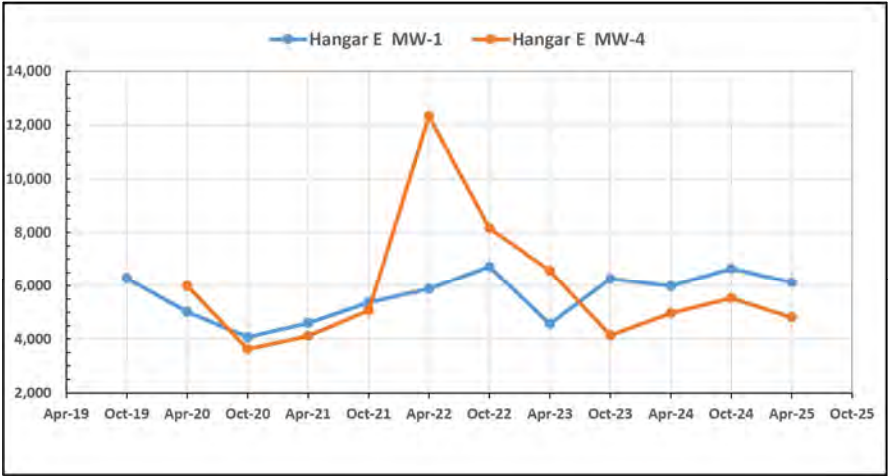
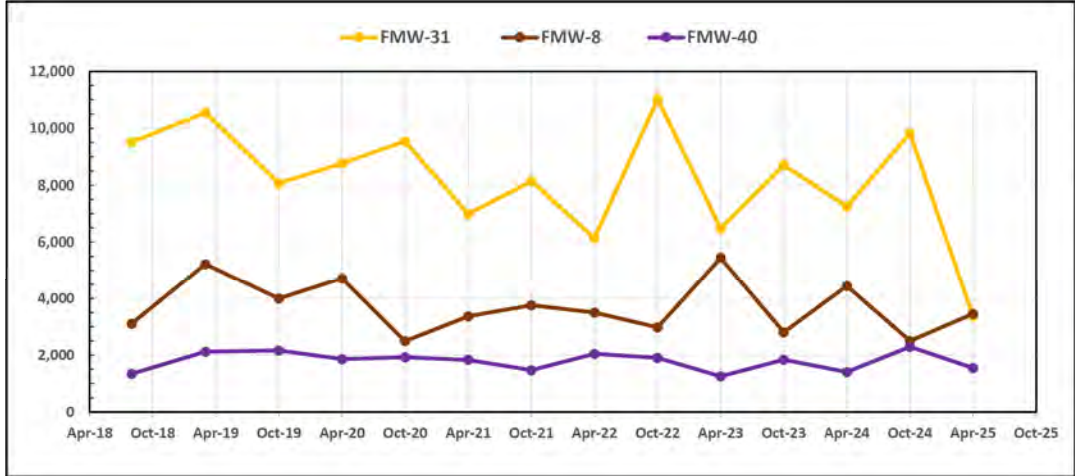
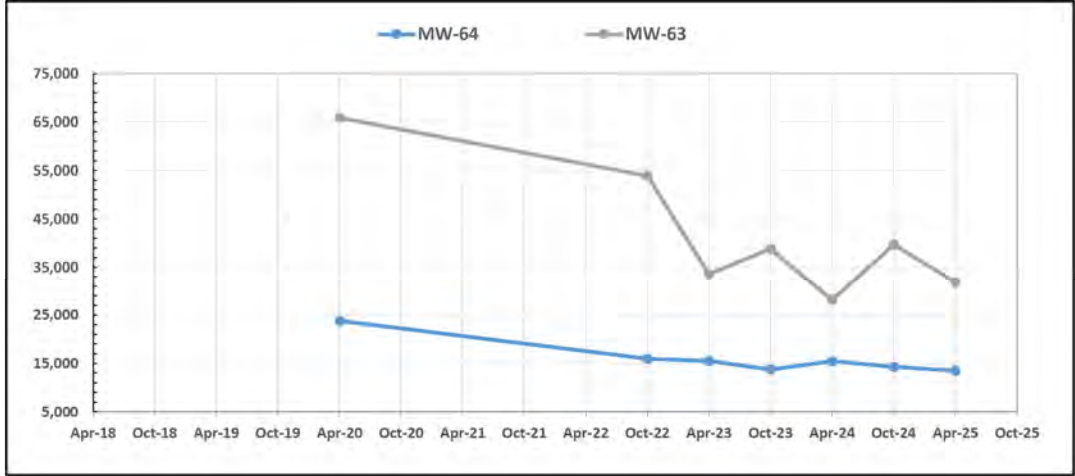
Westchester County Airport  
White Plains, New York

TOTAL PFAS CONCENTRATIONS -  
APRIL 2025

FIGURE 1

O:\DWG\Westchester County Airport\2025\F2 TotalPFAS-Graphs2504.dwg, Layout1, 5/14/2025 6:04:38 AM

B



LEGEND:  
X-AXIS UNITS ARE MONTH AND YEAR  
Y-AXIS UNITS ARE NANO-GRAMS PER LITER

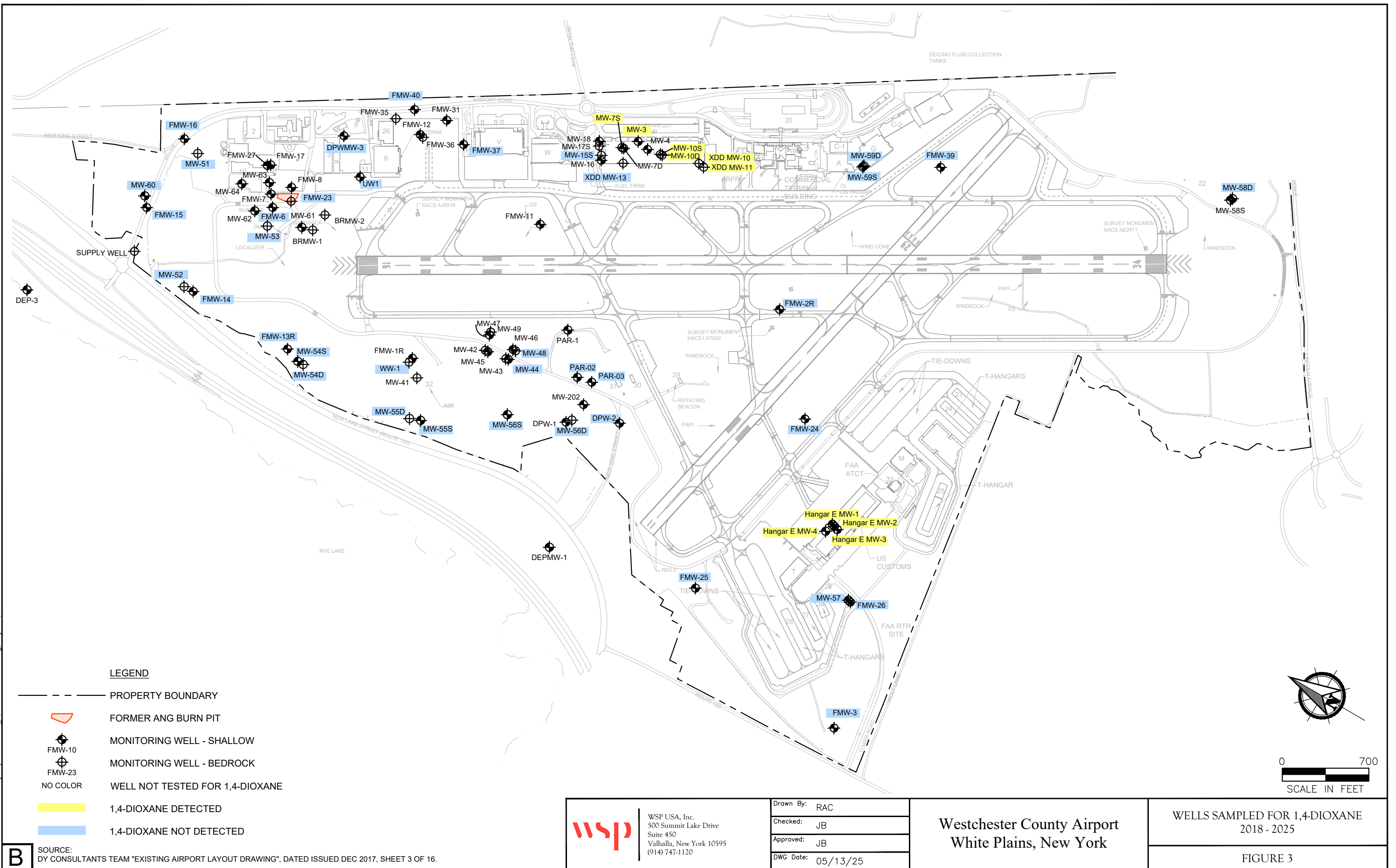
**wsp**  
WSP USA, Inc.  
500 Summit Lake Drive  
Suite 450  
Valhalla, New York 10595  
(914) 747-1120

Drawn By: RAC  
Checked: JB  
Approved: JB  
DWG Date: 05/14/25

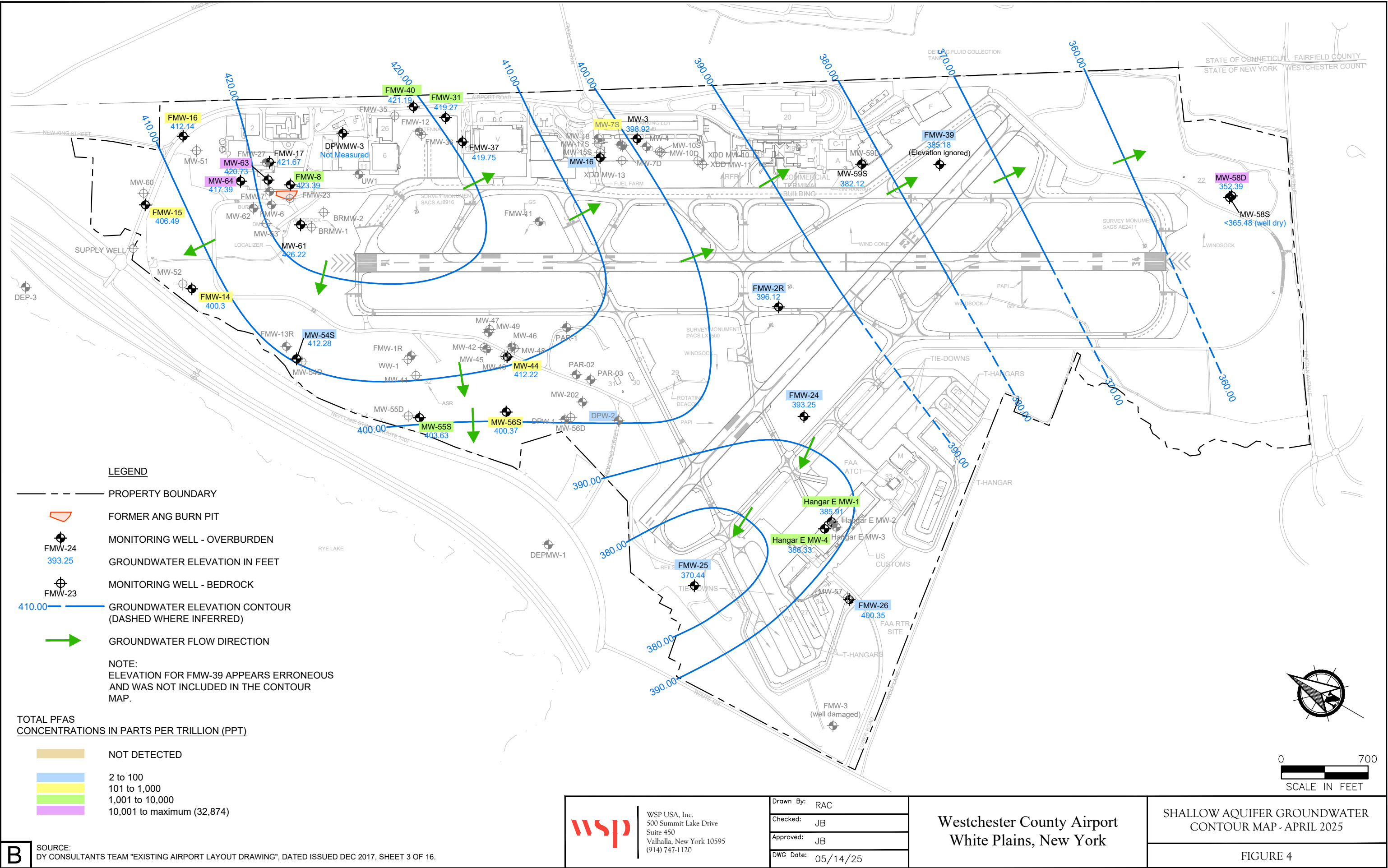
Westchester County Airport  
White Plains, New York

TOTAL PFAS CONCENTRATIONS  
OVER TIME  
FIGURE 2



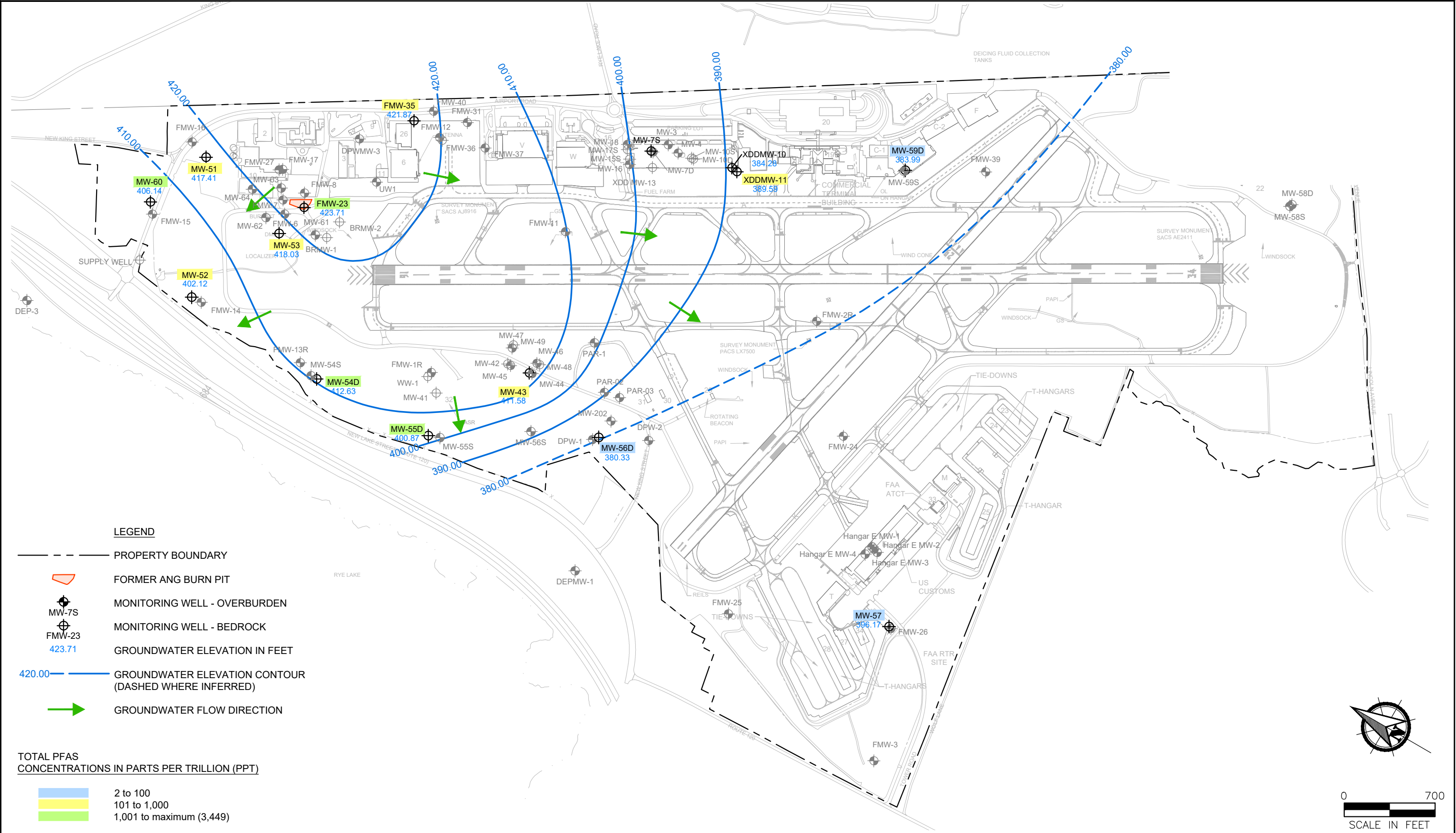


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O:\DWG\Westchester County Airport\2025\F5 - BedrockGW2504.dwg, Layout1, 5/14/2025 6:04:54 AM



**B** SOURCE: DY CONSULTANTS TEAM "EXISTING AIRPORT LAYOUT DRAWING", DATED ISSUED DEC 2017, SHEET 3 OF 16.



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500 Summit Lake Drive  
Suite 450  
Valhalla, New York 10595  
(914) 747-1120

Drawn By: RAC  
Checked: JB  
Approved: JB  
DWG Date: 05/14/25

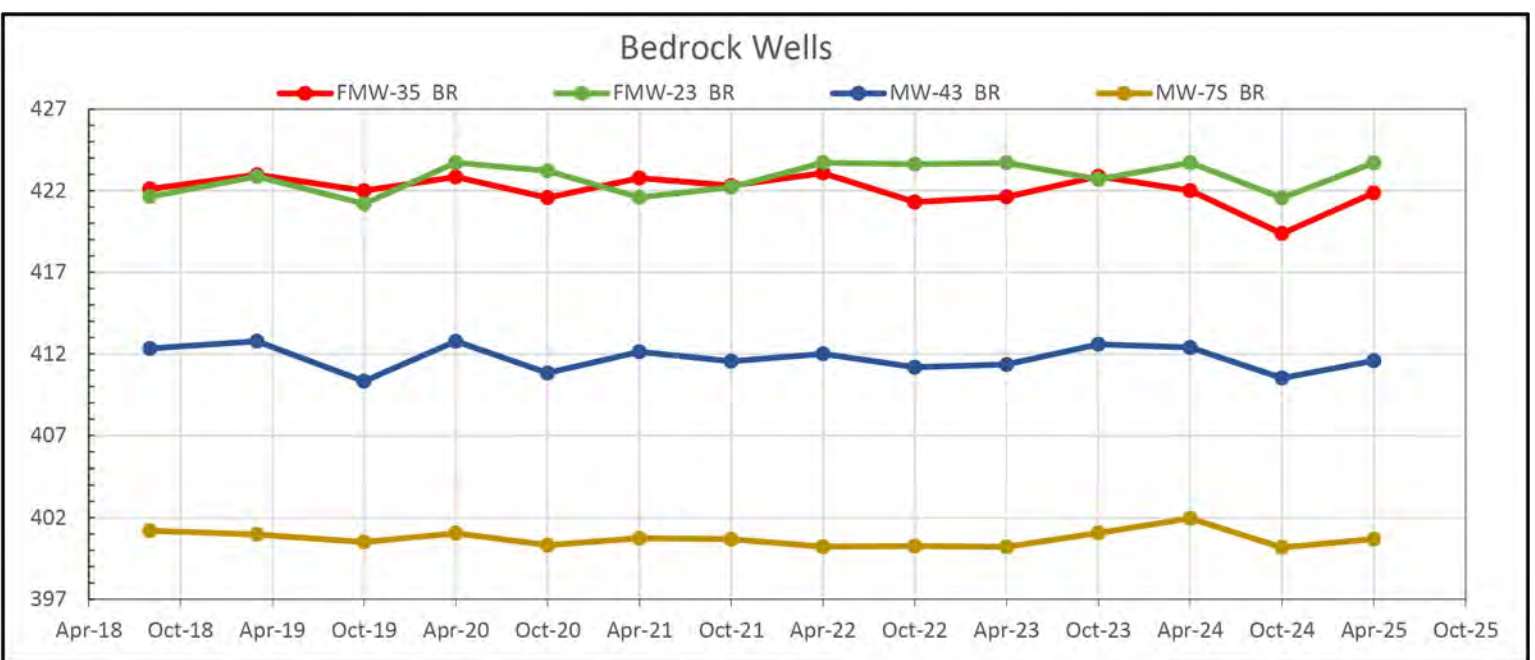
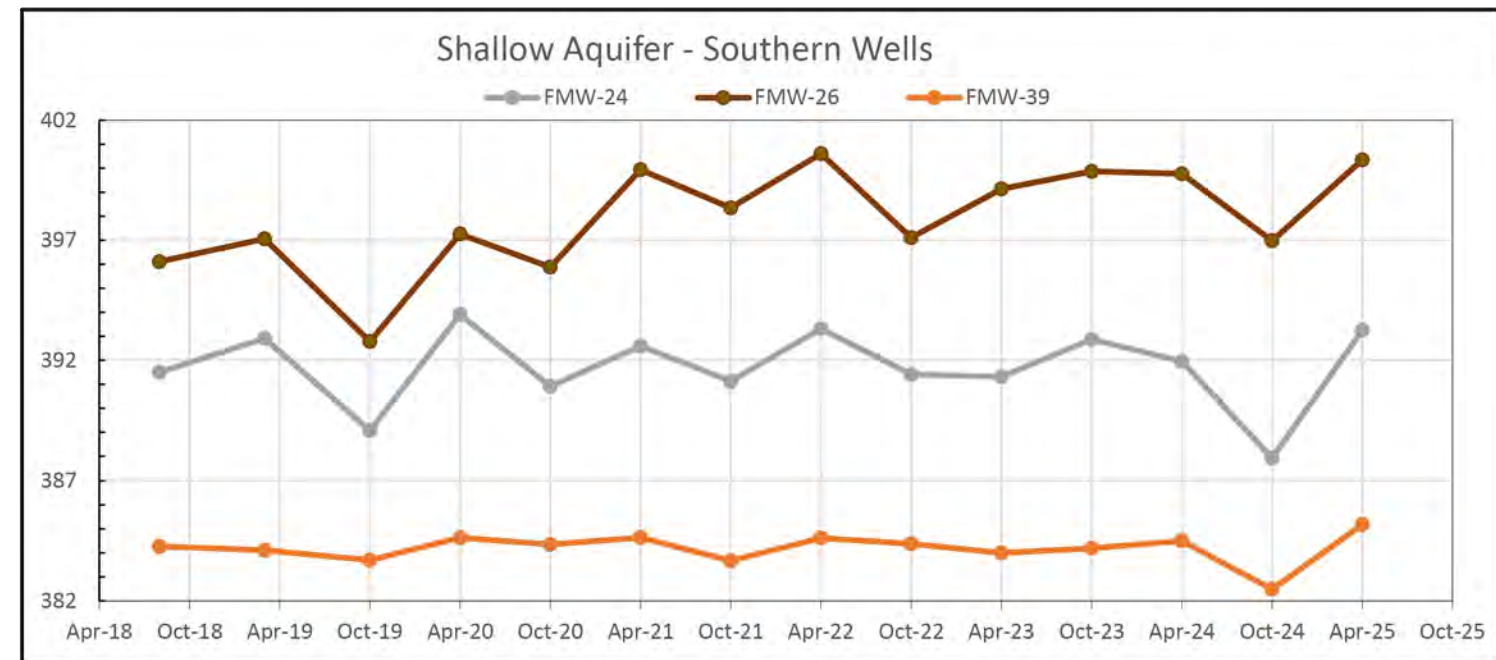
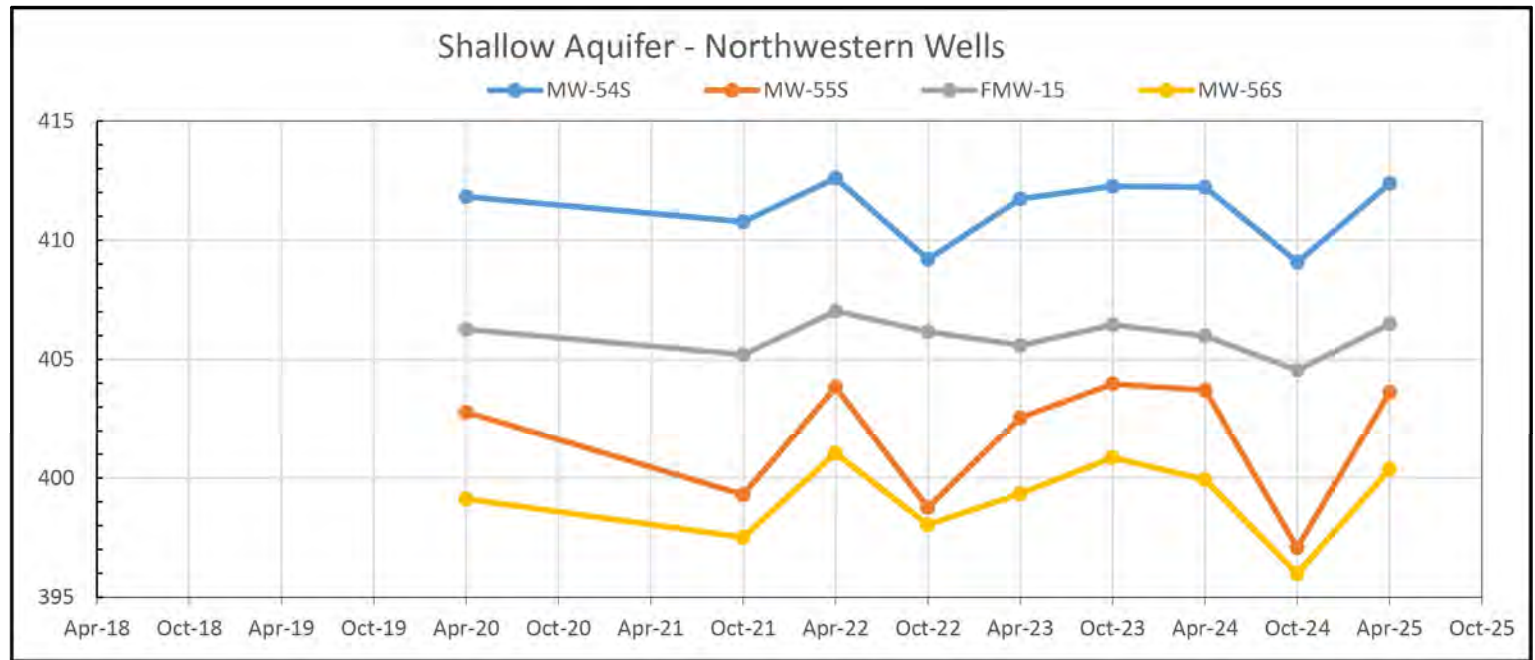
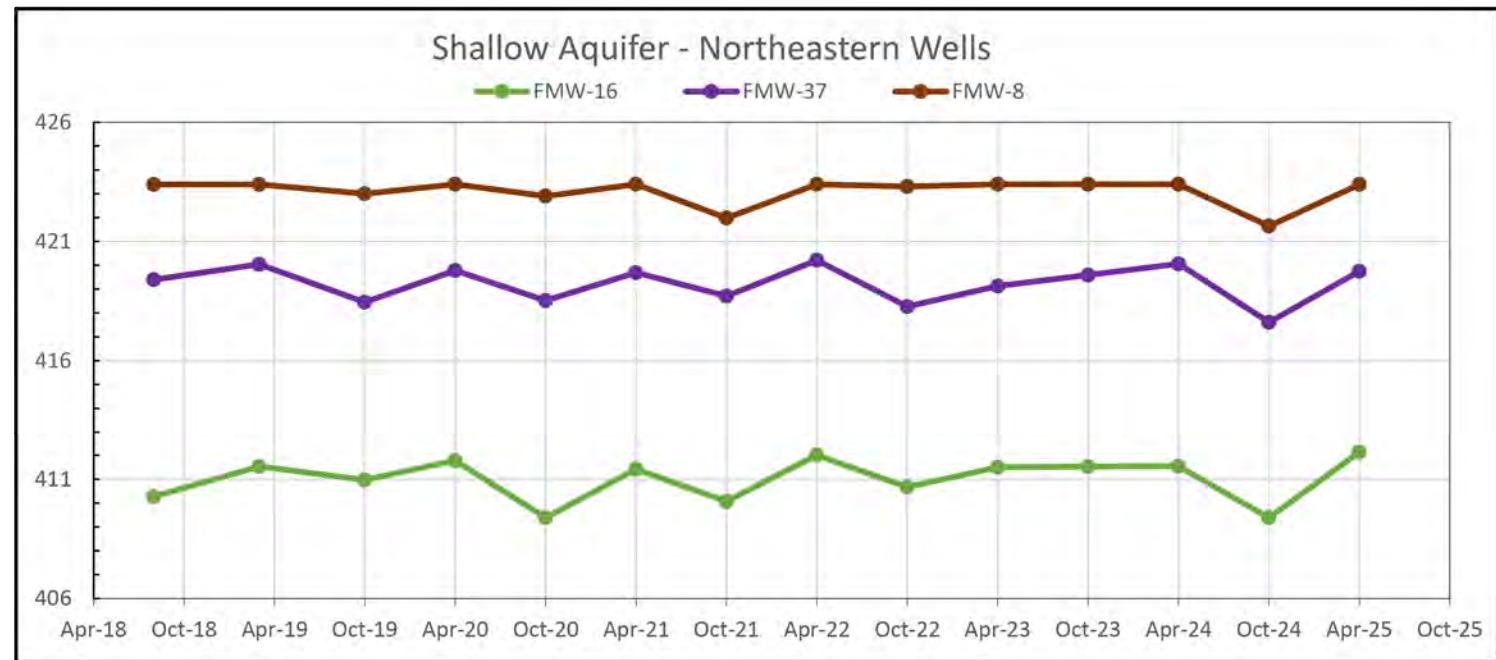
Westchester County Airport  
White Plains, New York

BEDROCK AQUIFER GROUNDWATER  
CONTOUR MAP - APRIL 2025

FIGURE 5

O:\DWG\Westchester County Airport\2025\F6\_HistoricWL\_Graphs2504.dwg, Layout1, 5/14/2025 6:04:57 AM

B



LEGEND:

X-AXIS UNITS ARE MONTH AND YEAR

Y-AXIS UNITS ARE ELEVATIONS IN FEET  
ABOVE MEAN SEA LEVEL



WSP USA, Inc.  
500 Summit Lake Drive  
Suite 450  
Valhalla, New York 10595  
(914) 747-1120

|           |          |
|-----------|----------|
| Drawn By: | RAC      |
| Checked:  | JB       |
| Approved: | JB       |
| DWG Date: | 05/14/25 |

Westchester County Airport  
White Plains, New York

HISTORICAL WATER LEVEL  
ELEVATIONS

FIGURE 6





## **APPENDIX**



# Technical Report

prepared for:

**WSP USA, Inc. (White Plains, NY)**

500 Summit Lake Drive, Suite 450

Valhalla NY, 10595

**Attention: John Benvegna**

Report Date: 04/25/2025

**Client Project ID: Westchester County Airport**

York Project (SDG) No.: 25D1027

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)



# Technical Report

prepared for:

**WSP USA, Inc. (White Plains, NY)**

500 Summit Lake Drive, Suite 450

Valhalla NY, 10595

**Attention: John Benvegna**

Report Date: 04/25/2025

**Client Project ID: Westchester County Airport**

York Project (SDG) No.: 25D1028

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
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STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/25/2025  
Client Project ID: Westchester County Airport  
York Project (SDG) No.: 25D1028

**WSP USA, Inc. (White Plains, NY)**  
500 Summit Lake Drive, Suite 450  
Valhalla NY, 10595  
Attention: John Benvegna

---

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 15, 2025 and listed below. The project was identified as your project: **Westchester County Airport**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

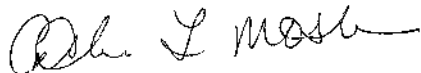
Please contact Client Services at 203.325.1371 with any questions regarding this report.

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 25D1028-01            | DPW-2                   | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-02            | FMW-25                  | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-03            | FMW-26                  | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-04            | MW-57                   | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-05            | MW-43                   | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-06            | MW-44                   | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-07            | FMW-8                   | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-08            | MW-63                   | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-09            | Field Duplicate         | Ground Water  | 04/14/2025            | 04/15/2025           |
| 25D1028-10            | Field Blank             | Water         | 04/14/2025            | 04/15/2025           |
| 25D1028-11            | Trip Blank              | Water         | 04/14/2025            | 04/15/2025           |

## **General Notes for York Project (SDG) No.: 25D1028**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 04/25/2025





## Sample Information

**Client Sample ID:** DPW-2

**York Sample ID:** 25D1028-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-----------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             |                       |                       |         |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |                       |                       |         |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |                       |                       |         |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          |                                                     |                       |                       |         |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |                       |                       |         |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |                       |                       |         |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications:                        | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
|          |                                                      |        |      |       |                        |       |          | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |                       |                       |         |





## Sample Information

**Client Sample ID:** DPW-2

**York Sample ID:** 25D1028-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 123-91-1 | 1,4-Dioxane              | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 594-20-7 | 2,2-Dichloropropane      | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 78-93-3  | 2-Butanone               | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 95-49-8  | 2-Chlorotoluene          | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 591-78-6 | 2-Hexanone               | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 106-43-4 | 4-Chlorotoluene          | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone     | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 67-64-1  | Acetone                  | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 107-02-8 | Acrolein                 | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 107-13-1 | Acrylonitrile            | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 71-43-2  | Benzene                  | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 108-86-1 | Bromobenzene             | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 74-97-5  | Bromochloromethane       | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 75-27-4  | Bromodichloromethane     | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 75-25-2  | Bromoform                | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 74-83-9  | Bromomethane             | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 75-15-0  | Carbon disulfide         | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 56-23-5  | Carbon tetrachloride     | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 108-90-7 | Chlorobenzene            | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 75-00-3  | Chloroethane             | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 67-66-3  | Chloroform               | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 74-87-3  | Chloromethane            | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 156-59-2 | cis-1,2-Dichloroethylene | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |



## Sample Information

**Client Sample ID:** DPW-2

**York Sample ID:** 25D1028-01

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 110-82-7    | Cyclohexane                    | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 124-48-1    | Dibromochloromethane           | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 74-95-3     | Dibromomethane                 | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |      | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |      | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |      | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |      | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |      | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 01:11      | AC      |



## Sample Information

**Client Sample ID:** DPW-2

**York Sample ID:** 25D1028-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 75-85-4                     | tert-Amyl alcohol (TAA)                   | ND            | CCVE,<br>QL-02          | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 994-05-8                    | tert-Amyl methyl ether (TAME)             | ND            |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 01:11      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:11      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:11      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                              |                                                                         |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 97.1 %        | 69-130                  |       |                        |       |          |                              |                                                                         |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 104 %         | 81-117                  |       |                        |       |          |                              |                                                                         |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 107 %         | 79-122                  |       |                        |       |          |                              |                                                                         |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:



## Sample Information

**Client Sample ID:** DPW-2

**York Sample ID:** 25D1028-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 0.701  | J    | ng/L  | 0.484                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 5.44   |      | ng/L  | 0.360                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 4.69   |      | ng/L  | 0.731                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 2.36   |      | ng/L  | 0.700                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 2.40   |      | ng/L  | 0.432                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 1.04   | J    | ng/L  | 0.844                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 2.29   |      | ng/L  | 0.535                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.772                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.16                   | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.906                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTTrDA)                | ND     |      | ng/L  | 0.761                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.710                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.813                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.06                   | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 11.2   |      | ng/L  | 0.237                  | 4.12 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.906                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.936                  | 1.97 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.36                   | 1.99 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.72                   | 7.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 2.11                   | 7.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 3.14   | J    | ng/L  | 0.340                  | 8.23 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND     |      | ng/L  | 0.515                  | 3.66 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.20                   | 4.12 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |



## Sample Information

**Client Sample ID:** DPW-2

**York Sample ID:** 25D1028-01

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-----------------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 377-73-1                    | Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND            |                         | ng/L  | 0.257                  | 4.12 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 863090-89-5                 | Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND            |                         | ng/L  | 0.381                  | 4.12 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 2706-91-4                   | Perfluoro-1-pentanesulfonate (PFPeS)                      | ND            |                         | ng/L  | 0.782                  | 1.93 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 757124-72-4                 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND            |                         | ng/L  | 1.84                   | 7.72 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 13252-13-6                  | HFPO-DA (Gen-X)                                           | ND            |                         | ng/L  | 3.32                   | 8.23 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 763051-92-9                 | 11CL-PF3OUdS                                              | ND            |                         | ng/L  | 1.42                   | 7.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 756426-58-1                 | 9CL-PF3ONS                                                | ND            |                         | ng/L  | 0.720                  | 7.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 919005-14-4                 | ADONA                                                     | ND            |                         | ng/L  | 0.545                  | 7.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid (PFDoS)                  | ND            |                         | ng/L  | 0.957                  | 2.00 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid (PFNS)                  | ND            |                         | ng/L  | 0.885                  | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid (FPtPA)                | ND            |                         | ng/L  | 2.09                   | 5.15 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid (FPePA)                | ND            |                         | ng/L  | 7.54                   | 25.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid (FHpPA)                | ND            |                         | ng/L  | 9.74                   | 25.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 24448-09-7                  | * N-MeFOSE                                                | ND            |                         | ng/L  | 4.11                   | 20.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                | ND            |                         | ng/L  | 1.63                   | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                | ND            |                         | ng/L  | 4.11                   | 20.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                | ND            |                         | ng/L  | 1.85                   | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:39      | AM      |
| <b>Surrogate Recoveries</b> |                                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                         | 113 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHxA                   | Surrogate: M5PFHxA                                        | 123 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                        | 105 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHxS                   | Surrogate: M3PFHxS                                        | 120 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 109 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                         | 102 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                        | 87.4 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 63.2 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** DPW-2

**York Sample ID:** 25D1028-01

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C2PFTEDA   | Surrogate: M2PFTEDA                                           | 22.2 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 87.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 124 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 140 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 120 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 109 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 108 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 256 %  | PFSu-H |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 164 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 110 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 253 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 53.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 50.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 112 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAI | Surrogate: d9-N-EtFOSE                                        | 34.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA  | Surrogate: d7-N-MeFOSE                                        | 49.0 % |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|---------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |





## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 75-34-3  | 1,1-Dichloroethane           | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 75-35-4  | 1,1-Dichloroethylene         | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 563-58-6 | 1,1-Dichloropropylene        | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 01:35      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 01:35      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 78-93-3  | 2-Butanone                   | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 591-78-6 | 2-Hexanone                   | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 106-43-4 | 4-Chlorotoluene              | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |





## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 108-86-1   | Bromobenzene              | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)  | ND     |      | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |



## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 100-41-4    | Ethyl Benzene                  | ND     |                | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 01:35      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 01:35      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 01:35      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 01:35      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 01:35      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 01:35      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 01:35      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:35      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:35      | AC      |



## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                               | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|---------------------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 98-06-6                     | tert-Butylbenzene                                       | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 127-18-4                    | Tetrachloroethylene                                     | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 109-99-9                    | * Tetrahydrofuran                                       | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                     | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 108-88-3                    | Toluene                                                 | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                              | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene                             | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene                             | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 79-01-6                     | Trichloroethylene                                       | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 75-69-4                     | Trichlorofluoromethane                                  | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 108-05-4                    | Vinyl acetate                                           | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 75-01-4                     | Vinyl Chloride                                          | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| 1330-20-7                   | Xylenes, Total                                          | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:35      | AC      |
| <b>Surrogate Recoveries</b> |                                                         | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0                  | Surrogate: <i>SURR:</i><br><i>1,2-Dichloroethane-d4</i> | 98.0 %        | 69-130                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5                   | Surrogate: <i>SURR:</i> <i>Toluene-d8</i>               | 104 %         | 81-117                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4                    | Surrogate: <i>SURR:</i><br><i>p-Bromofluorobenzene</i>  | 106 %         | 79-122                  |       |                        |       |          |                                                                                  |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS)  | 1.22   | J    | ng/L  | 0.480                  | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)       | 1.19   | J    | ng/L  | 0.358                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)      | 2.42   |      | ng/L  | 0.726                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid (PFHxS) | 3.86   |      | ng/L  | 0.695                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 335-67-1 | Perfluorooctanoic acid (PFOA)        | 6.55   |      | ng/L  | 0.429                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |



## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | ND     |      | ng/L  | 0.838                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 1.09   | J    | ng/L  | 0.531                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.767                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.15                   | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.899                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.756                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.705                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.807                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.05                   | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 1.82   | J    | ng/L  | 0.235                  | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.899                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.930                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.35                   | 1.97 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.67                   | 7.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 2.10                   | 7.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 0.337                  | 8.18 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.511                  | 3.64 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.19                   | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.256                  | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 0.378                  | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |      | ng/L  | 0.777                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 1.83                   | 7.67 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 3.30                   | 8.18 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |



## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.  
25D1028

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 14, 2025 3:00 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 763051-92-9 | 11CL-PF3OUdS                                  | ND     |      | ng/L  | 1.41                   | 7.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                    | ND     |      | ng/L  | 0.715                  | 7.65 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 919005-14-4 | ADONA                                         | ND     |      | ng/L  | 0.542                  | 7.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)   | ND     |      | ng/L  | 0.951                  | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)   | ND     |      | ng/L  | 0.879                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPtPA) | ND     |      | ng/L  | 2.07                   | 5.11 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA) | ND     |      | ng/L  | 7.49                   | 25.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA) | ND     |      | ng/L  | 9.68                   | 25.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 24448-09-7  | * N-MeFOSE                                    | ND     |      | ng/L  | 4.08                   | 20.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 31506-32-8  | * N-MeFOSA                                    | ND     |      | ng/L  | 1.61                   | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 1691-99-2   | * N-EtFOSE                                    | ND     |      | ng/L  | 4.08                   | 20.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |
| 4151-50-2   | * N-EtFOSA                                    | ND     |      | ng/L  | 1.84                   | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 16:55      | AM      |

| Surrogate Recoveries |                                                                  | Result | Acceptance Range |
|----------------------|------------------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                                | 116 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                               | 114 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                               | 105 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                               | 121 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 104 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                                | 89.7 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                               | 69.8 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 45.3 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                              | 18.7 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 96.3 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 104 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 124 %  | 25-150           |
| 13C8FOSA             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)      | 104 %  | 10-150           |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                          | 80.5 % | 25-150           |



## Sample Information

**Client Sample ID:** FMW-25

**York Sample ID:** 25D1028-02

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter               | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA | 76.7 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS   | 221 %  | PFSu-H |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS   | 128 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA       | 110 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS   | 251 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA   | 39.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA   | 29.8 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA    | 105 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE  | 22.7 % | PFSu-L |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE  | 32.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |

### Glycols, Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.  | Parameter                   | Result        | Flag | Units                   | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|---------------|------|-------------------------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1 | * Ethylene Glycol           | ND            |      | mg/L                    | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:01      | GXB     |
| 57-55-6  | * Propylene Glycol          | ND            |      | mg/L                    | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:01      | GXB     |
|          | <b>Surrogate Recoveries</b> | <b>Result</b> |      | <b>Acceptance Range</b> |                    |          |                           |                       |                       |         |
| 110-63-4 | Surrogate: 1,4-Butanediol   |               |      | 30-130                  |                    |          |                           |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-26

**York Sample ID:** 25D1028-03

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                           | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS) | 0.944  | J    | ng/L  | 0.533                  | 2.01 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)      | 0.520  | J    | ng/L  | 0.397                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)     | 0.881  | J    | ng/L  | 0.806                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |





## Sample Information

**Client Sample ID:** FMW-26

**York Sample ID:** 25D1028-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 0.880  | J    | ng/L  | 0.772                  | 2.08 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 3.15   |      | ng/L  | 0.477                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 8.74   |      | ng/L  | 0.931                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | ND     |      | ng/L  | 0.590                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.851                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.28                   | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.999                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTriDA)                | ND     |      | ng/L  | 0.840                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.783                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.897                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.17                   | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 0.630  | J    | ng/L  | 0.261                  | 4.54 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.999                  | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 1.03                   | 2.17 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.50                   | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 8.51                   | 8.62 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 2.33                   | 8.72 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 0.374                  | 9.08 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.567                  | 4.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.43                   | 4.54 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.284                  | 4.54 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 0.420                  | 4.54 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |      | ng/L  | 0.862                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |





## Sample Information

**Client Sample ID:** FMW-26

**York Sample ID:** 25D1028-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 2.03                   | 8.51 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 3.67                   | 9.08 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |      | ng/L  | 1.57                   | 8.58 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |      | ng/L  | 0.794                  | 8.49 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 919005-14-4 | ADONA                                              | ND     |      | ng/L  | 0.601                  | 8.58 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     |      | ng/L  | 1.06                   | 2.20 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |      | ng/L  | 0.976                  | 2.18 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |      | ng/L  | 2.30                   | 5.67 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |      | ng/L  | 8.32                   | 28.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |      | ng/L  | 10.7                   | 28.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |      | ng/L  | 4.53                   | 22.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |      | ng/L  | 1.79                   | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |      | ng/L  | 4.53                   | 22.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |      | ng/L  | 2.04                   | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:11      | AM      |

| Surrogate Recoveries |                                                           | Result | Acceptance Range |
|----------------------|-----------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                         | 106 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 101 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFH <sub>p</sub> A                           | 103 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFH <sub>s</sub> S                           | 113 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 98.9 % | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 88.4 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFU <sub>d</sub> A                           | 78.7 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 61.5 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 37.9 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 58.1 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 104 %  | 25-150           |



## Sample Information

**Client Sample ID:** FMW-26

**York Sample ID:** 25D1028-03

York Project (SDG) No.  
25D1028

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 14, 2025 3:00 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|---------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C5PFPEA   | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)   | 100 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA    | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 96.1 % |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA | Surrogate: d3-N-MeFOSAA                                 | 75.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA                                 | 74.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS                                   | 119 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS                                   | 93.9 % |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA                                       | 92.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS                                   | 123 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA                                   | 46.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA                                   | 46.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA                                    | 92.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE                                  | 48.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE                                  | 56.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-57

**York Sample ID:** 25D1028-04

York Project (SDG) No.  
25D1028

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 14, 2025 3:00 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.   | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5  | Perfluorobutanesulfonic acid (PFBS)  | ND     |      | ng/L  | 0.500                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 307-24-4  | Perfluorohexanoic acid (PFHxA)       | ND     |      | ng/L  | 0.373                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 375-85-9  | Perfluoroheptanoic acid (PFHpA)      | ND     |      | ng/L  | 0.756                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 355-46-4  | Perfluorohexanesulfonic acid (PFHxS) | 1.08   | J    | ng/L  | 0.724                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 335-67-1  | Perfluorooctanoic acid (PFOA)        | 2.07   | J    | ng/L  | 0.447                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 1763-23-1 | Perfluorooctanesulfonic acid (PFOS)  | ND     |      | ng/L  | 0.873                  | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 375-95-1  | Perfluorononanoic acid (PFNA)        | ND     |      | ng/L  | 0.554                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 335-76-2  | Perfluorodecanoic acid (PFDA)        | ND     |      | ng/L  | 0.798                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |



## Sample Information

**Client Sample ID:** MW-57

**York Sample ID:** 25D1028-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result       | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND           |      | ng/L  | 1.20                   | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND           |      | ng/L  | 0.937                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND           |      | ng/L  | 0.788                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND           |      | ng/L  | 0.735                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND           |      | ng/L  | 0.841                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND           |      | ng/L  | 1.10                   | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>             | <b>0.253</b> | J    | ng/L  | 0.245                  | 4.26 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND           |      | ng/L  | 0.937                  | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND           |      | ng/L  | 0.969                  | 2.03 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND           |      | ng/L  | 1.41                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND           |      | ng/L  | 7.98                   | 8.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND           |      | ng/L  | 2.18                   | 8.18 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND           |      | ng/L  | 0.351                  | 8.52 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND           |      | ng/L  | 0.532                  | 3.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND           |      | ng/L  | 2.28                   | 4.26 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND           |      | ng/L  | 0.266                  | 4.26 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND           |      | ng/L  | 0.394                  | 4.26 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND           |      | ng/L  | 0.809                  | 2.00 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND           |      | ng/L  | 1.91                   | 7.98 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND           |      | ng/L  | 3.44                   | 8.52 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND           |      | ng/L  | 1.47                   | 8.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND           |      | ng/L  | 0.745                  | 7.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 919005-14-4 | ADONA                                              | ND           |      | ng/L  | 0.564                  | 8.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |



## Sample Information

**Client Sample ID:** MW-57

**York Sample ID:** 25D1028-04

**York Project (SDG) No.**

25D1028

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 14, 2025 3:00 pm

**Date Received**

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                  | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------------------|--------|------|-------|------------------------|------|----------|-------------------------------------------------|-----------------------|-----------------------|---------|
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)   | ND     |      | ng/L  | 0.990                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)   | ND     |      | ng/L  | 0.915                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA) | ND     |      | ng/L  | 2.16                   | 5.32 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA) | ND     |      | ng/L  | 7.80                   | 26.6 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA) | ND     |      | ng/L  | 10.1                   | 26.6 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 24448-09-7  | * N-MeFOSE                                 | ND     |      | ng/L  | 4.25                   | 21.3 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 31506-32-8  | * N-MeFOSA                                 | ND     |      | ng/L  | 1.68                   | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 1691-99-2   | * N-EtFOSE                                 | ND     |      | ng/L  | 4.25                   | 21.3 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |
| 4151-50-2   | * N-EtFOSA                                 | ND     |      | ng/L  | 1.92                   | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 17:27      | AM      |

| Surrogate Recoveries |                                                           | Result | Acceptance Range |
|----------------------|-----------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                         | 104 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 108 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHPA                                        | 104 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                        | 102 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 108 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 103 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                        | 84.2 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 48.3 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 25.6 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 14.6 % | PFSu-L<br>25-150 |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 104 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 99.1 % | 25-150           |
| 13C8FOSA             | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 110 %  | 10-150           |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                   | 80.5 % | 25-150           |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                   | 77.1 % | 25-150           |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                     | 120 %  | 25-200           |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                     | 96.8 % | 25-200           |
| 13C9PFNA             | Surrogate: M9PFNA                                         | 95.8 % | 25-150           |
| M2-4:2FTS            | Surrogate: M2-4:2 FTS                                     | 120 %  | 25-150           |



## Sample Information

**Client Sample ID:** MW-57

**York Sample ID:** 25D1028-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 936109-37-4 | Surrogate: d-N-MeFOSA  | 79.3 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA  | 72.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA   | 106 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE | 38.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE | 52.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-43

**York Sample ID:** 25D1028-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                     | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |



## Sample Information

**Client Sample ID:** MW-43

**York Sample ID:** 25D1028-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                   | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 142-28-9 | 1,3-Dichloropropane         | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 123-91-1 | 1,4-Dioxane                 | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 594-20-7 | 2,2-Dichloropropane         | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 95-49-8  | 2-Chlorotoluene             | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 106-43-4 | 4-Chlorotoluene             | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 67-64-1  | Acetone                     | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 107-02-8 | Acrolein                    | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 71-43-2  | Benzene                     | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 108-86-1 | Bromobenzene                | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 74-97-5  | Bromochloromethane          | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 75-27-4  | Bromodichloromethane        | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |



## Sample Information

**Client Sample ID:** MW-43

**York Sample ID:** 25D1028-05

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 75-15-0    | Carbon disulfide               | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 110-82-7   | Cyclohexane                    | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 75-71-8    | Dichlorodifluoromethane        | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)       | ND     |      | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE)  | ND     |      | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 01:59      | AC      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 74-88-4    | * Iodomethane                  | ND     |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 01:59      | AC      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 79-20-9    | Methyl acetate                 | ND     |      | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 80-62-6    | Methyl Methacrylate            | ND     |      | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 01:59      | AC      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | 3.25   |      | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |





## Sample Information

**Client Sample ID:** MW-43

**York Sample ID:** 25D1028-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                     | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-------------|-------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 108-87-2    | Methylcyclohexane             | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 75-09-2     | Methylene chloride            | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 91-20-3     | Naphthalene                   | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 104-51-8    | n-Butylbenzene                | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 103-65-1    | n-Propylbenzene               | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 95-47-6     | o-Xylene                      | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 01:59      | AC      |
| 179601-23-1 | p- & m- Xylenes               | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 01:59      | AC      |
| 105-05-5    | * p-Diethylbenzene            | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 622-96-8    | * p-Ethyltoluene              | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 99-87-6     | p-Isopropyltoluene            | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 135-98-8    | sec-Butylbenzene              | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 100-42-5    | Styrene                       | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)       | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME) | 0.550  |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)      | ND     |                | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 98-06-6     | tert-Butylbenzene             | ND     |                | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 127-18-4    | Tetrachloroethylene           | 0.280  |                | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 109-99-9    | * Tetrahydrofuran             | ND     |                | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 01:59      | AC      |
| 108-88-3    | Toluene                       | ND     |                | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 156-60-5    | trans-1,2-Dichloroethylene    | ND     |                | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 10061-02-6  | trans-1,3-Dichloropropylene   | ND     |                | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 110-57-6    | trans-1,4-dichloro-2-butene   | ND     |                | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |
| 79-01-6     | Trichloroethylene             | ND     |                | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 01:59      | AC      |



## Sample Information

**Client Sample ID:** MW-43

**York Sample ID:** 25D1028-05

York Project (SDG) No.  
25D1028

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 14, 2025 3:00 pm

Date Received  
04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.              | Parameter                                 | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-------------------------------------------|--------|------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-69-4              | Trichlorofluoromethane                    | ND     |                  | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 108-05-4             | Vinyl acetate                             | ND     |                  | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 75-01-4              | Vinyl Chloride                            | ND     |                  | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| 1330-20-7            | Xylenes, Total                            | ND     |                  | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 01:59      | AC      |
| Surrogate Recoveries |                                           | Result | Acceptance Range |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0           | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 98.1 % | 69-130           |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5            | Surrogate: SURR: Toluene-d8               | 104 %  | 81-117           |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4             | Surrogate: SURR:<br>p-Bromofluorobenzene  | 108 %  | 79-122           |       |                        |       |          |                                                                                  |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)     | 9.10   |      | ng/L  | 2.35                   | 8.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)          | 47.4   |      | ng/L  | 1.75                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)         | 32.2   |      | ng/L  | 3.55                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid<br>(PFHxS) | 113    |      | ng/L  | 3.40                   | 9.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)           | 41.4   |      | ng/L  | 2.10                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)     | 134    |      | ng/L  | 4.10                   | 9.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)           | 33.8   |      | ng/L  | 2.60                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)           | ND     |      | ng/L  | 3.75                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)        | ND     |      | ng/L  | 5.65                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)        | ND     |      | ng/L  | 4.40                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)      | ND     |      | ng/L  | 3.70                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA)    | ND     |      | ng/L  | 3.45                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 2355-31-9  | N-MeFOSAA                               | ND     |      | ng/L  | 3.95                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |



## Sample Information

**Client Sample ID:** MW-43

**York Sample ID:** 25D1028-05

**York Project (SDG) No.**

25D1028

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 14, 2025 3:00 pm

**Date Received**

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 5.15                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 54.9   |      | ng/L  | 1.15                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 4.40                   | 10.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 4.55                   | 9.55 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 6.60                   | 9.65 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 37.5                   | 38.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 10.2                   | 38.4 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 1.65                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 2.50                   | 17.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 10.7                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 1.25                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 1.85                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 7.53   | J    | ng/L  | 3.80                   | 9.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 8.95                   | 37.5 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 16.2                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |      | ng/L  | 6.90                   | 37.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |      | ng/L  | 3.50                   | 37.4 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 919005-14-4 | ADONA                                              | ND     |      | ng/L  | 2.65                   | 37.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     |      | ng/L  | 4.65                   | 9.70 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |      | ng/L  | 4.30                   | 9.60 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPPA)          | ND     |      | ng/L  | 10.2                   | 25.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |      | ng/L  | 36.6                   | 125  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |      | ng/L  | 47.4                   | 125  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |



## Sample Information

**Client Sample ID:** MW-43

**York Sample ID:** 25D1028-05

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                        | Result        | Flag   | Units                   | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|------------------------------------------------------------------|---------------|--------|-------------------------|------------------------|--------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 24448-09-7                  | * N-MeFOSE                                                       | ND            |        | ng/L                    | 20.0                   | 100    | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                       | ND            |        | ng/L                    | 7.90                   | 10.0   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                       | ND            |        | ng/L                    | 20.0                   | 100    | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                       | ND            |        | ng/L                    | 9.00                   | 10.0   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 17:43      | AM      |
| <b>Surrogate Recoveries</b> |                                                                  | <b>Result</b> |        | <b>Acceptance Range</b> |                        |        |          |                                     |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                                | 106 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                               | 107 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                               | 101 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                               | 113 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 108 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                                | 96.9 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUDa                                               | 82.7 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 80.4 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                              | 66.8 %        |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| 13C4PFBA                    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 21.8 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOS                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 109 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFPEA                   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 105 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8FOSA                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)      | 116 %         |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| D3-NMEFOSAA                 | Surrogate: d3-N-MeFOSAA                                          | 97.4 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D5-NETFOSAA                 | Surrogate: d5-N-EtFOSAA                                          | 101 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-6:2FTS                   | Surrogate: M2-6:2 FTS                                            | 122 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| M2-8:2FTS                   | Surrogate: M2-8:2 FTS                                            | 101 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| 13C9PFNA                    | Surrogate: M9PFNA                                                | 109 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-4:2FTS                   | Surrogate: M2-4:2 FTS                                            | 129 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-37-4                 | Surrogate: d-N-MeFOSA                                            | 83.0 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-40-9                 | Surrogate: d-N-EtFOSA                                            | 65.3 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M3HFPO-DA                   | Surrogate: M3HFPO-DA                                             | 98.6 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D9-NETPFOSA                 | Surrogate: d9-N-EtFOSE                                           | 92.8 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D7-NMEPFOSA                 | Surrogate: d7-N-MeFOSE                                           | 107 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-44

**York Sample ID:** 25D1028-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 14.7   |      | ng/L  | 0.486                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 30.1   |      | ng/L  | 0.362                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 15.3   |      | ng/L  | 0.734                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 124    |      | ng/L  | 0.703                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 58.1   |      | ng/L  | 0.434                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 117    |      | ng/L  | 0.848                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 25.2   |      | ng/L  | 0.538                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.776                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | 3.01   |      | ng/L  | 1.17                   | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.910                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTriDA)                | ND     |      | ng/L  | 0.765                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.714                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.817                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.07                   | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 40.4   |      | ng/L  | 0.238                  | 4.14 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.910                  | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 3.32   |      | ng/L  | 0.941                  | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.37                   | 2.00 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.76                   | 7.86 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 2.12                   | 7.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 15.9   |      | ng/L  | 0.341                  | 8.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.517                  | 3.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |



## Sample Information

**Client Sample ID:** MW-44

**York Sample ID:** 25D1028-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6 | Perfluoro-3,6-dioxaheptanoic acid (NFDHA)          | ND          |      | ng/L  | 2.21                   | 4.14 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          |      | ng/L  | 0.259                  | 4.14 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 863090-89-5 | Perfluoro-5-oxaheptanoic acid (PFMBA)              | ND          |      | ng/L  | 0.383                  | 4.14 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>18.4</b> |      | ng/L  | 0.786                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |      | ng/L  | 1.85                   | 7.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |      | ng/L  | 3.34                   | 8.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |      | ng/L  | 1.43                   | 7.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |      | ng/L  | 0.724                  | 7.74 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 919005-14-4 | ADONA                                              | ND          |      | ng/L  | 0.548                  | 7.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND          |      | ng/L  | 0.962                  | 2.01 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND          |      | ng/L  | 0.890                  | 1.99 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPtPA)         | ND          |      | ng/L  | 2.10                   | 5.17 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND          |      | ng/L  | 7.58                   | 25.9 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND          |      | ng/L  | 9.80                   | 25.9 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND          |      | ng/L  | 4.13                   | 20.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND          |      | ng/L  | 1.63                   | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND          |      | ng/L  | 4.13                   | 20.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND          |      | ng/L  | 1.86                   | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 17:59      | AM      |

| Surrogate Recoveries |                                                     | Result | Acceptance Range |
|----------------------|-----------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                   | 99.8 % | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                  | 102 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                  | 103 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                  | 109 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 106 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                   | 88.9 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUDa                                  | 85.3 % | 25-150           |



## Sample Information

**Client Sample ID:** MW-44

**York Sample ID:** 25D1028-06

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                 | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|-----------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 960315-52-0  | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 77.9 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                       | 62.2 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 83.7 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 119 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 107 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 108 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                   | 94.2 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                   | 101 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                     | 127 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                     | 99.4 % |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                         | 107 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                     | 173 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                     | 63.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                     | 56.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                      | 99.0 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAI | Surrogate: d9-N-EtFOSE                                    | 92.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA  | Surrogate: d7-N-MeFOSE                                    | 103 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------------------------|--------|------|-------|------------------------|-------|----------|---------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane     | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |





## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.

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Matrix

Collection Date/Time

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25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 123-91-1 | 1,4-Dioxane                                          | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 78-93-3  | 2-Butanone                                           | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |



## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                       | Result       | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------------|--------------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                      | ND           |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 106-43-4   | 4-Chlorotoluene                 | ND           |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone            | ND           |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 67-64-1    | Acetone                         | ND           |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 107-02-8   | Acrolein                        | ND           |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 107-13-1   | Acrylonitrile                   | ND           |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 71-43-2    | Benzene                         | ND           |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 108-86-1   | Bromobenzene                    | ND           |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 74-97-5    | Bromochloromethane              | ND           |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 75-27-4    | Bromodichloromethane            | ND           |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 75-25-2    | Bromoform                       | ND           |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 74-83-9    | Bromomethane                    | ND           |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 75-15-0    | Carbon disulfide                | ND           |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 56-23-5    | Carbon tetrachloride            | ND           |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 108-90-7   | Chlorobenzene                   | ND           |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 75-00-3    | Chloroethane                    | ND           |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 67-66-3    | Chloroform                      | ND           |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 74-87-3    | Chloromethane                   | ND           |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>0.460</b> |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND           |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 110-82-7   | Cyclohexane                     | ND           |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 124-48-1   | Dibromochloromethane            | ND           |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 74-95-3    | Dibromomethane                  | ND           |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |



## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE           | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |                | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |                | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 02:24      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 02:24      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 02:24      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 02:24      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 02:24      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 02:24      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 02:24      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 02:24      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 02:24      | AC      |



## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 994-05-8                    | tert-Amyl methyl ether (TAME)             | ND            |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                     | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 02:24      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 95.5 %        | 69-130                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 105 %         | 81-117                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 110 %         | 79-122                  |       |                        |       |          |                                                                                  |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                           | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS) | 36.2   |      | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)      | 123    |      | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)     | 72.6   |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |



## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 610    |      | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 231    |      | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 1990   |      | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 182    |      | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 130    |      | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 27.1   |      | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND     |      | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 50.0   |      | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |



## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |      | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |      | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 919005-14-4 | ADONA                                              | ND     |      | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     |      | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |      | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |      | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |      | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |      | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |      | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |      | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |      | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |      | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 18:15      | AM      |

| Surrogate Recoveries |                                                           | Result | Acceptance Range |
|----------------------|-----------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                         | 105 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 99.2 % | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFH <sub>p</sub> A                           | 101 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFH <sub>x</sub> S                           | 106 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 99.9 % | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 84.9 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFU <sub>d</sub> A                           | 77.8 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 51.8 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 21.4 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 14.0 % | PFSu-L 25-150    |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 109 %  | 25-150           |





## Sample Information

**Client Sample ID:** FMW-8

**York Sample ID:** 25D1028-07

York Project (SDG) No.  
25D1028

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 14, 2025 3:00 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|---------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C5PFPEA   | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)   | 94.4 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA    | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 108 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA | Surrogate: d3-N-MeFOSAA                                 | 83.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA                                 | 85.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS                                   | 103 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS                                   | 93.7 % |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA                                       | 108 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS                                   | 116 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA                                   | 79.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA                                   | 68.4 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA                                    | 96.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE                                  | 39.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE                                  | 56.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-63

**York Sample ID:** 25D1028-08

York Project (SDG) No.  
25D1028

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 14, 2025 3:00 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.   | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5  | Perfluorobutanesulfonic acid (PFBS)  | 324    |      | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 307-24-4  | Perfluorohexanoic acid (PFHxA)       | 1380   |      | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 375-85-9  | Perfluoroheptanoic acid (PFHpA)      | 349    |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 355-46-4  | Perfluorohexanesulfonic acid (PFHxS) | 9650   |      | ng/L  | 34.0                   | 91.5 | 5        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/22/2025 16:38      | AM      |
| 335-67-1  | Perfluorooctanoic acid (PFOA)        | 16900  |      | ng/L  | 21.0                   | 100  | 5        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/22/2025 16:38      | AM      |
| 1763-23-1 | Perfluorooctanesulfonic acid (PFOS)  | 1680   |      | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 375-95-1  | Perfluorononanoic acid (PFNA)        | 27.6   |      | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |





## Sample Information

**Client Sample ID:** MW-63

**York Sample ID:** 25D1028-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                                 | Result     | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------------------|------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-76-2    | Perfluorodecanoic acid (PFDA)                             | ND         |      | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                          | ND         |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                          | ND         |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTriDA)                       | ND         |      | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)                      | ND         |      | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 2355-31-9   | N-MeFOSAA                                                 | ND         |      | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 2991-50-6   | N-EtFOSAA                                                 | ND         |      | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>                    | <b>409</b> |      | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)                    | ND         |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 375-92-8    | <b>* Perfluoro-1-heptanesulfonic acid (PFHpS)</b>         | <b>152</b> |      | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)                  | ND         |      | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 27619-97-2  | <b>1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)</b> | <b>263</b> |      | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)        | ND         |      | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>                   | <b>158</b> |      | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)           | ND         |      | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)                  | ND         |      | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND         |      | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND         |      | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>               | <b>564</b> |      | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND         |      | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                           | ND         |      | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                              | ND         |      | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                                | ND         |      | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |



## Sample Information

**Client Sample ID:** MW-63

**York Sample ID:** 25D1028-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|------------------------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 919005-14-4                 | ADONA                                                            | ND            |                         | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid<br>(PFDoS)                      | ND            |                         | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)                      | ND            |                         | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA)                    | ND            |                         | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid<br>(FPePA)                    | ND            |                         | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)                    | ND            |                         | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 24448-09-7                  | * N-MeFOSE                                                       | ND            |                         | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                       | ND            |                         | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                       | ND            |                         | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                       | ND            |                         | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 19:04      | AM      |
| <b>Surrogate Recoveries</b> |                                                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                                | 118 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                                | 110 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                               | 115 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                               | 101 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                               | 105 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                               | 113 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                               | 106 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                               | 101 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 107 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 125 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                                | 95.6 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                                | 82.6 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                               | 73.2 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                               | 92.9 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 50.4 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 63.0 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                              | 39.0 %        | 10-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                              | 33.2 %        | 10-150                  |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-63

**York Sample ID:** 25D1028-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 28.4 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 34.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 129 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 122 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 99.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 107 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 119 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 111 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 97.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 80.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 104 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 76.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 121 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 94.4 % |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 116 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 95.4 % |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 102 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 106 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 120 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 133 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 79.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 75.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 81.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 49.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 112 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 101 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA1 | Surrogate: d9-N-EtFOSE                                        | 49.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA1 | Surrogate: d9-N-EtFOSE                                        | 49.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA  | Surrogate: d7-N-MeFOSE                                        | 65.3 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA  | Surrogate: d7-N-MeFOSE                                        | 61.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1028-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 298    |      | ng/L  | 23.5                   | 88.5 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 1310   |      | ng/L  | 17.5                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 342    |      | ng/L  | 35.5                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 8300   |      | ng/L  | 34.0                   | 91.5 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 12400  |      | ng/L  | 21.0                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 1590   |      | ng/L  | 41.0                   | 93.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 28.5   | J    | ng/L  | 26.0                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 37.5                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 56.5                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 44.0                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTriDA)                | ND     |      | ng/L  | 37.0                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 34.5                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 39.5                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 51.5                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 410    |      | ng/L  | 11.5                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 44.0                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 131    |      | ng/L  | 45.5                   | 95.5 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 66.0                   | 96.5 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 375                    | 380  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 102                    | 384  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 16.5                   | 400  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND     |      | ng/L  | 25.0                   | 178  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 107                    | 200  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1028-09

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 14, 2025 3:00 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-----------------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 377-73-1                    | Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND            |                         | ng/L  | 12.5                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 863090-89-5                 | Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND            |                         | ng/L  | 18.5                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 2706-91-4                   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>               | <b>464</b>    |                         | ng/L  | 38.0                   | 94.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 757124-72-4                 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND            |                         | ng/L  | 89.5                   | 375  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 13252-13-6                  | HFPO-DA (Gen-X)                                           | ND            |                         | ng/L  | 162                    | 400  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 763051-92-9                 | 11CL-PF3OUdS                                              | ND            |                         | ng/L  | 69.0                   | 378  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 756426-58-1                 | 9CL-PF3ONS                                                | ND            |                         | ng/L  | 35.0                   | 374  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 919005-14-4                 | ADONA                                                     | ND            |                         | ng/L  | 26.5                   | 378  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid (PFDoS)                  | ND            |                         | ng/L  | 46.5                   | 97.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid (PFNS)                  | ND            |                         | ng/L  | 43.0                   | 96.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid (FPtPA)                | ND            |                         | ng/L  | 102                    | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid (FPePA)                | ND            |                         | ng/L  | 366                    | 1250 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid (FHpPA)                | ND            |                         | ng/L  | 474                    | 1250 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 24448-09-7                  | * N-MeFOSE                                                | ND            |                         | ng/L  | 200                    | 1000 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                | ND            |                         | ng/L  | 79.0                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                | ND            |                         | ng/L  | 200                    | 1000 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                | ND            |                         | ng/L  | 90.0                   | 100  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:25      | AM      |
| <b>Surrogate Recoveries</b> |                                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                         | 132 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                        | 129 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                        | 130 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                        | 134 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 132 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                         | 123 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                        | 98.9 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 89.6 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1028-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Ground Water

April 14, 2025 3:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C2PFTEDA   | Surrogate: M2PFTEDA                                           | 77.1 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 7.79 % | PFSu-L |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 137 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 95.6 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 137 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 119 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 125 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 146 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 137 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 122 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 145 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 105 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 88.6 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 121 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAI | Surrogate: d9-N-EtFOSE                                        | 79.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA  | Surrogate: d7-N-MeFOSE                                        | 91.8 % |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Water

April 14, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|---------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Water

April 14, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 75-34-3  | 1,1-Dichloroethane           | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 75-35-4  | 1,1-Dichloroethylene         | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 563-58-6 | 1,1-Dichloropropylene        | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 22:19      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 22:19      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 78-93-3  | 2-Butanone                   | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 591-78-6 | 2-Hexanone                   | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 106-43-4 | 4-Chlorotoluene              | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Water

April 14, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 108-86-1   | Bromobenzene              | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)  | ND     |      | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Water

Collection Date/Time

April 14, 2025 3:30 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 100-41-4    | Ethyl Benzene                  | ND     |                | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 22:19      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 22:19      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 22:19      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/21/2025 22:19      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/21/2025 22:19      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 22:19      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 22:19      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 22:19      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 22:19      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Water

April 14, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                     | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 22:19      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 96.5 %        | 69-130                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 104 %         | 81-117                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 110 %         | 79-122                  |       |                        |       |          |                                                                                  |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS)  | ND     |      | ng/L  | 0.448                  | 1.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)       | ND     |      | ng/L  | 0.334                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)      | ND     |      | ng/L  | 0.677                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid (PFHxS) | ND     |      | ng/L  | 0.648                  | 1.74 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 335-67-1 | Perfluorooctanoic acid (PFOA)        | ND     |      | ng/L  | 0.400                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Water

April 14, 2025 3:30 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | ND     |      | ng/L  | 0.782                  | 1.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | ND     |      | ng/L  | 0.496                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.715                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.08                   | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.839                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTTrDA)                | ND     |      | ng/L  | 0.706                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.658                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.753                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 0.982                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | ND     |      | ng/L  | 0.219                  | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.839                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.868                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.26                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.15                   | 7.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 1.95                   | 7.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 0.315                  | 7.63 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.477                  | 3.39 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.04                   | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.238                  | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 0.353                  | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |      | ng/L  | 0.725                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 1.71                   | 7.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 3.08                   | 7.63 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.  
25D1028

Client Project ID  
Westchester County Airport

Matrix  
Water

Collection Date/Time  
April 14, 2025 3:30 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 763051-92-9 | 11CL-PF3OUdS                                  | ND     |      | ng/L  | 1.32                   | 7.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                    | ND     |      | ng/L  | 0.667                  | 7.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 919005-14-4 | ADONA                                         | ND     |      | ng/L  | 0.505                  | 7.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)   | ND     |      | ng/L  | 0.887                  | 1.85 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)   | ND     |      | ng/L  | 0.820                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPtPA) | ND     |      | ng/L  | 1.94                   | 4.77 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA) | ND     |      | ng/L  | 6.99                   | 23.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA) | ND     |      | ng/L  | 9.03                   | 23.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 24448-09-7  | * N-MeFOSE                                    | ND     |      | ng/L  | 3.80                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 31506-32-8  | * N-MeFOSA                                    | ND     |      | ng/L  | 1.51                   | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 1691-99-2   | * N-EtFOSE                                    | ND     |      | ng/L  | 3.80                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |
| 4151-50-2   | * N-EtFOSA                                    | ND     |      | ng/L  | 1.72                   | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 22:47      | AM      |

| Surrogate Recoveries |                                                                  | Result | Acceptance Range |
|----------------------|------------------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                                | 111 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                               | 110 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                               | 111 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                               | 117 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 107 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                                | 94.4 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                               | 98.9 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 74.3 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                              | 59.1 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 6.39 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 113 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 71.4 % | 25-150           |
| 13C8FOSA             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)      | 122 %  | 10-150           |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                          | 106 %  | 25-150           |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1028-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Water

April 14, 2025 3:30 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA | 105 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS   | 108 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS   | 104 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA       | 106 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS   | 108 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA   | 80.3 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA   | 89.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA    | 105 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE  | 106 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE  | 107 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |

### Glycols, Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.  | Parameter                   | Result        | Flag | Units | Reported to<br>LOQ      | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|---------------|------|-------|-------------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1 | * Ethylene Glycol           | ND            |      | mg/L  | 10.0                    | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:16      | GXB     |
| 57-55-6  | * Propylene Glycol          | ND            |      | mg/L  | 10.0                    | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:16      | GXB     |
|          | <b>Surrogate Recoveries</b> | <b>Result</b> |      |       | <b>Acceptance Range</b> |          |                           |                       |                       |         |
| 110-63-4 | Surrogate: 1,4-Butanediol   |               |      |       | 30-130                  |          |                           |                       |                       |         |

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1028-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1028

Westchester County Airport

Water

April 14, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane     | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |





## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1028-11

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Water

Collection Date/Time

April 14, 2025 3:30 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 21:31      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:31      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 123-91-1 | 1,4-Dioxane                                          | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 78-93-3  | 2-Butanone                                           | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |





## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1028-11

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Water

Collection Date/Time

April 14, 2025 3:30 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 106-43-4   | 4-Chlorotoluene           | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 108-86-1   | Bromobenzene              | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1028-11

York Project (SDG) No.

25D1028

Client Project ID

Westchester County Airport

Matrix

Water

Collection Date/Time

April 14, 2025 3:30 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE           | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |                | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |                | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 21:31      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:31      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 21:31      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/21/2025 21:31      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/21/2025 21:31      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:31      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:31      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:31      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:31      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1028-11

**York Project (SDG) No.**

25D1028

**Client Project ID**

Westchester County Airport

**Matrix**

Water

**Collection Date/Time**

April 14, 2025 3:30 pm

**Date Received**

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 994-05-8                    | tert-Amyl methyl ether (TAME)             | ND            |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                     | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:31      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 95.4 %        | 69-130                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 104 %         | 81-117                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 111 %         | 79-122                  |       |                        |       |          |                                                                                  |                       |                       |         |



## Analytical Batch Summary

**Batch ID:** BD51446      **Preparation Method:** Preparation for GC Analysis      **Prepared By:** GXB

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1028-02     | FMW-25           | 04/19/25         |
| 25D1028-10     | Field Blank      | 04/19/25         |
| BD51446-BLK1   | Blank            | 04/19/25         |

**Batch ID:** BD51463      **Preparation Method:** EPA 1633 Prep      **Prepared By:** JLH

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1028-01     | DPW-2            | 04/20/25         |
| 25D1028-02     | FMW-25           | 04/20/25         |
| 25D1028-03     | FMW-26           | 04/20/25         |
| 25D1028-04     | MW-57            | 04/20/25         |
| 25D1028-05     | MW-43            | 04/20/25         |
| 25D1028-06     | MW-44            | 04/20/25         |
| 25D1028-07     | FMW-8            | 04/20/25         |
| 25D1028-08     | MW-63            | 04/20/25         |
| 25D1028-08RE1  | MW-63            | 04/20/25         |
| 25D1028-08RE2  | MW-63            | 04/20/25         |
| 25D1028-10     | Field Blank      | 04/20/25         |
| BD51463-BLK1   | Blank            | 04/20/25         |
| BD51463-BS1    | LCS              | 04/20/25         |
| BD51463-BS2    | LCS              | 04/20/25         |
| BD51463-MS1    | Matrix Spike     | 04/20/25         |
| BD51463-MS2    | Matrix Spike     | 04/20/25         |
| BD51463-MSD1   | Matrix Spike Dup | 04/20/25         |
| BD51463-MSD2   | Matrix Spike Dup | 04/20/25         |

**Batch ID:** BD51580      **Preparation Method:** EPA 1633 Prep      **Prepared By:** JBG

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1028-09     | Field Duplicate  | 04/22/25         |
| BD51580-BLK1   | Blank            | 04/22/25         |
| BD51580-BS1    | LCS              | 04/22/25         |
| BD51580-BS2    | LCS              | 04/22/25         |

**Batch ID:** BD51584      **Preparation Method:** EPA 5030B      **Prepared By:** AC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1028-01     | DPW-2            | 04/21/25         |
| 25D1028-02     | FMW-25           | 04/21/25         |
| 25D1028-05     | MW-43            | 04/21/25         |
| 25D1028-07     | FMW-8            | 04/21/25         |
| 25D1028-10     | Field Blank      | 04/21/25         |
| 25D1028-11     | Trip Blank       | 04/21/25         |
| BD51584-BLK1   | Blank            | 04/21/25         |



|              |         |          |
|--------------|---------|----------|
| BD51584-BS1  | LCS     | 04/21/25 |
| BD51584-BSD1 | LCS Dup | 04/21/25 |

|                          |                                          |                         |
|--------------------------|------------------------------------------|-------------------------|
| <b>Batch ID:</b> BD51788 | <b>Preparation Method:</b> EPA 1633 Prep | <b>Prepared By:</b> JLH |
|--------------------------|------------------------------------------|-------------------------|

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1028-09RE1  | Field Duplicate  | 04/24/25         |
| BD51788-BLK1   | Blank            | 04/24/25         |
| BD51788-BS1    | LCS              | 04/24/25         |
| BD51788-BS2    | LCS              | 04/24/25         |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit                    | Flag |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|---------------------------------|------|
| <b>Batch BD51584 - EPA 5030B</b>                  |        |                    |       |                |                   |      |                |      |     |                                 |      |
| <b>Blank (BD51584-BLK1)</b>                       |        |                    |       |                |                   |      |                |      |     | Prepared & Analyzed: 04/21/2025 |      |
| 1,1,1,2-Tetrachloroethane                         | ND     | 0.500              | ug/L  |                |                   |      |                |      |     |                                 |      |
| 1,1,1-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2,2-Tetrachloroethane                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethylene                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloropropylene                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichloropropane                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4,5-Tetramethylbenzene                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromo-3-chloropropane                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromoethane                                 | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3,5-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dioxane                                       | ND     | 80.0               | "     |                |                   |      |                |      |     |                                 |      |
| 2,2-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Butanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Chlorotoluene                                   | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Hexanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 4-Chlorotoluene                                   | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 4-Methyl-2-pentanone                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acetone                                           | ND     | 2.00               | "     |                |                   |      |                |      |     |                                 |      |
| Acrolein                                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acrylonitrile                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Benzene                                           | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromobenzene                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromochloromethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromodichloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromoform                                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromomethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon disulfide                                  | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon tetrachloride                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chlorobenzene                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroform                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloromethane                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,2-Dichloroethylene                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,3-Dichloropropylene                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Cyclohexane                                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromochloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromomethane                                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51584 - EPA 5030B

##### Blank (BD51584-BLK1)

Prepared & Analyzed: 04/21/2025

|                                        |      |       |      |      |  |      |        |  |  |  |  |
|----------------------------------------|------|-------|------|------|--|------|--------|--|--|--|--|
| Dichlorodifluoromethane                | ND   | 0.500 | ug/L |      |  |      |        |  |  |  |  |
| Diisopropyl ether (DIPE)               | ND   | 0.800 | "    |      |  |      |        |  |  |  |  |
| Ethyl Benzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | ND   | 0.800 | "    |      |  |      |        |  |  |  |  |
| Hexachlorobutadiene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Iodomethane                            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Isopropylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl acetate                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl Methacrylate                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylcyclohexane                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylene chloride                     | ND   | 2.00  | "    |      |  |      |        |  |  |  |  |
| Naphthalene                            | ND   | 2.00  | "    |      |  |      |        |  |  |  |  |
| n-Butylbenzene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                        | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| p-Diethylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p-Ethyltoluene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                     | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Styrene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| tert-Amyl alcohol (TAA)                | ND   | 8.00  | "    |      |  |      |        |  |  |  |  |
| tert-Amyl methyl ether (TAME)          | ND   | 0.800 | "    |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)               | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrahydrofuran                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Toluene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,4-dichloro-2-butene            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                 | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl acetate                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                         | ND   | 1.50  | "    |      |  |      |        |  |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.57 |       | "    | 10.0 |  | 95.7 | 69-130 |  |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.4 |       | "    | 10.0 |  | 104  | 81-117 |  |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.8 |       | "    | 10.0 |  | 108  | 79-122 |  |  |  |  |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-----|-----------|------|
| <b>Batch BD51584 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |     |           |      |
| <b>LCS (BD51584-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 04/21/2025 |             |           |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 12.2   |                 | ug/L  | 10.0        |                | 122                             | 82-126      |           |     |           |      |
| 1,1,1-Trichloroethane                             | 12.2   |                 | "     | 10.0        |                | 122                             | 78-136      |           |     |           |      |
| 1,1,2,2-Tetrachloroethane                         | 11.5   |                 | "     | 10.0        |                | 115                             | 76-129      |           |     |           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.3   |                 | "     | 10.0        |                | 133                             | 54-165      |           |     |           |      |
| 1,1,2-Trichloroethane                             | 10.8   |                 | "     | 10.0        |                | 108                             | 82-123      |           |     |           |      |
| 1,1-Dichloroethane                                | 11.9   |                 | "     | 10.0        |                | 119                             | 82-129      |           |     |           |      |
| 1,1-Dichloroethylene                              | 13.8   |                 | "     | 10.0        |                | 138                             | 68-138      |           |     |           |      |
| 1,1-Dichloropropylene                             | 12.6   |                 | "     | 10.0        |                | 126                             | 83-133      |           |     |           |      |
| 1,2,3-Trichlorobenzene                            | 10.5   |                 | "     | 10.0        |                | 105                             | 76-136      |           |     |           |      |
| 1,2,3-Trichloropropane                            | 11.0   |                 | "     | 10.0        |                | 110                             | 77-128      |           |     |           |      |
| 1,2,4,5-Tetramethylbenzene                        | 12.1   |                 | "     | 10.0        |                | 121                             | 85-140      |           |     |           |      |
| 1,2,4-Trichlorobenzene                            | 11.1   |                 | "     | 10.0        |                | 111                             | 76-137      |           |     |           |      |
| 1,2,4-Trimethylbenzene                            | 12.9   |                 | "     | 10.0        |                | 129                             | 82-132      |           |     |           |      |
| 1,2-Dibromo-3-chloropropane                       | 9.71   |                 | "     | 10.0        |                | 97.1                            | 45-147      |           |     |           |      |
| 1,2-Dibromoethane                                 | 11.0   |                 | "     | 10.0        |                | 110                             | 83-124      |           |     |           |      |
| 1,2-Dichlorobenzene                               | 11.7   |                 | "     | 10.0        |                | 117                             | 79-123      |           |     |           |      |
| 1,2-Dichloroethane                                | 11.0   |                 | "     | 10.0        |                | 110                             | 73-132      |           |     |           |      |
| 1,2-Dichloropropane                               | 12.0   |                 | "     | 10.0        |                | 120                             | 78-126      |           |     |           |      |
| 1,3,5-Trimethylbenzene                            | 14.4   |                 | "     | 10.0        |                | 144                             | 80-131      | High Bias |     |           |      |
| 1,3-Dichlorobenzene                               | 12.0   |                 | "     | 10.0        |                | 120                             | 86-122      |           |     |           |      |
| 1,3-Dichloropropane                               | 11.1   |                 | "     | 10.0        |                | 111                             | 81-125      |           |     |           |      |
| 1,4-Dichlorobenzene                               | 11.8   |                 | "     | 10.0        |                | 118                             | 85-124      |           |     |           |      |
| 1,4-Dioxane                                       | 58.3   |                 | "     | 210         |                | 27.8                            | 10-349      |           |     |           |      |
| 2,2-Dichloropropane                               | 11.0   |                 | "     | 10.0        |                | 110                             | 56-150      |           |     |           |      |
| 2-Butanone                                        | 10.7   |                 | "     | 10.0        |                | 107                             | 49-152      |           |     |           |      |
| 2-Chlorotoluene                                   | 12.9   |                 | "     | 10.0        |                | 129                             | 79-130      |           |     |           |      |
| 2-Hexanone                                        | 8.34   |                 | "     | 10.0        |                | 83.4                            | 51-146      |           |     |           |      |
| 4-Chlorotoluene                                   | 13.1   |                 | "     | 10.0        |                | 131                             | 79-128      | High Bias |     |           |      |
| 4-Methyl-2-pentanone                              | 7.88   |                 | "     | 10.0        |                | 78.8                            | 57-145      |           |     |           |      |
| Acetone                                           | 8.51   |                 | "     | 10.0        |                | 85.1                            | 14-150      |           |     |           |      |
| Acrolein                                          | 11.1   |                 | "     | 10.0        |                | 111                             | 10-153      |           |     |           |      |
| Acrylonitrile                                     | 10.8   |                 | "     | 10.0        |                | 108                             | 51-150      |           |     |           |      |
| Benzene                                           | 12.1   |                 | "     | 10.0        |                | 121                             | 85-126      |           |     |           |      |
| Bromobenzene                                      | 12.5   |                 | "     | 10.0        |                | 125                             | 78-129      |           |     |           |      |
| Bromochloromethane                                | 11.1   |                 | "     | 10.0        |                | 111                             | 77-128      |           |     |           |      |
| Bromodichloromethane                              | 12.4   |                 | "     | 10.0        |                | 124                             | 79-128      |           |     |           |      |
| Bromoform                                         | 9.87   |                 | "     | 10.0        |                | 98.7                            | 78-133      |           |     |           |      |
| Bromomethane                                      | 10.9   |                 | "     | 10.0        |                | 109                             | 43-168      |           |     |           |      |
| Carbon disulfide                                  | 13.9   |                 | "     | 10.0        |                | 139                             | 68-146      |           |     |           |      |
| Carbon tetrachloride                              | 13.0   |                 | "     | 10.0        |                | 130                             | 77-141      |           |     |           |      |
| Chlorobenzene                                     | 11.6   |                 | "     | 10.0        |                | 116                             | 88-120      |           |     |           |      |
| Chloroethane                                      | 13.0   |                 | "     | 10.0        |                | 130                             | 65-136      |           |     |           |      |
| Chloroform                                        | 11.2   |                 | "     | 10.0        |                | 112                             | 82-128      |           |     |           |      |
| Chloromethane                                     | 12.9   |                 | "     | 10.0        |                | 129                             | 43-155      |           |     |           |      |
| cis-1,2-Dichloroethylene                          | 11.8   |                 | "     | 10.0        |                | 118                             | 83-129      |           |     |           |      |
| cis-1,3-Dichloropropylene                         | 11.7   |                 | "     | 10.0        |                | 117                             | 80-131      |           |     |           |      |
| Cyclohexane                                       | 12.4   |                 | "     | 10.0        |                | 124                             | 63-149      |           |     |           |      |
| Dibromochloromethane                              | 10.7   |                 | "     | 10.0        |                | 107                             | 80-130      |           |     |           |      |
| Dibromomethane                                    | 10.5   |                 | "     | 10.0        |                | 105                             | 72-134      |           |     |           |      |
| Dichlorodifluoromethane                           | 16.8   |                 | "     | 10.0        |                | 168                             | 44-144      | High Bias |     |           |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51584 - EPA 5030B

##### LCS (BD51584-BS1)

Prepared & Analyzed: 04/21/2025

|                                        |      |  |      |      |  |      |        |           |  |  |  |
|----------------------------------------|------|--|------|------|--|------|--------|-----------|--|--|--|
| Diisopropyl ether (DIPE)               | 11.4 |  | ug/L | 10.0 |  | 114  | 70-130 |           |  |  |  |
| Ethyl Benzene                          | 12.8 |  | "    | 10.0 |  | 128  | 80-131 |           |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | 10.5 |  | "    | 10.0 |  | 105  | 70-130 |           |  |  |  |
| Hexachlorobutadiene                    | 11.5 |  | "    | 10.0 |  | 115  | 67-146 |           |  |  |  |
| Iodomethane                            | 10.6 |  | "    | 10.0 |  | 106  | 70-130 |           |  |  |  |
| Isopropylbenzene                       | 13.5 |  | "    | 10.0 |  | 135  | 76-140 |           |  |  |  |
| Methyl acetate                         | 6.52 |  | "    | 10.0 |  | 65.2 | 51-139 |           |  |  |  |
| Methyl Methacrylate                    | 10.0 |  | "    | 10.0 |  | 100  | 72-132 |           |  |  |  |
| Methyl tert-butyl ether (MTBE)         | 9.98 |  | "    | 10.0 |  | 99.8 | 76-135 |           |  |  |  |
| Methyleyclohexane                      | 12.9 |  | "    | 10.0 |  | 129  | 72-143 |           |  |  |  |
| Methylene chloride                     | 11.6 |  | "    | 10.0 |  | 116  | 55-137 |           |  |  |  |
| Naphthalene                            | 10.6 |  | "    | 10.0 |  | 106  | 70-147 |           |  |  |  |
| n-Butylbenzene                         | 13.4 |  | "    | 10.0 |  | 134  | 79-132 | High Bias |  |  |  |
| n-Propylbenzene                        | 13.5 |  | "    | 10.0 |  | 135  | 78-133 | High Bias |  |  |  |
| o-Xylene                               | 12.1 |  | "    | 10.0 |  | 121  | 78-130 |           |  |  |  |
| p- & m- Xylenes                        | 25.0 |  | "    | 20.0 |  | 125  | 77-133 |           |  |  |  |
| p-Diethylbenzene                       | 13.0 |  | "    | 10.0 |  | 130  | 84-134 |           |  |  |  |
| p-Ethyltoluene                         | 13.5 |  | "    | 10.0 |  | 135  | 88-129 | High Bias |  |  |  |
| p-Isopropyltoluene                     | 13.7 |  | "    | 10.0 |  | 137  | 81-136 | High Bias |  |  |  |
| sec-Butylbenzene                       | 13.4 |  | "    | 10.0 |  | 134  | 79-137 |           |  |  |  |
| Styrene                                | 12.7 |  | "    | 10.0 |  | 127  | 67-132 |           |  |  |  |
| tert-Amyl alcohol (TAA)                | 50.0 |  | "    | 100  |  | 50.0 | 70-130 | Low Bias  |  |  |  |
| tert-Amyl methyl ether (TAME)          | 9.60 |  | "    | 10.0 |  | 96.0 | 70-130 |           |  |  |  |
| tert-Butyl alcohol (TBA)               | 24.9 |  | "    | 50.0 |  | 49.9 | 25-162 |           |  |  |  |
| tert-Butylbenzene                      | 11.8 |  | "    | 10.0 |  | 118  | 77-138 |           |  |  |  |
| Tetrachloroethylene                    | 11.5 |  | "    | 10.0 |  | 115  | 82-131 |           |  |  |  |
| Tetrahydrofuran                        | 9.34 |  | "    | 10.0 |  | 93.4 | 36-166 |           |  |  |  |
| Toluene                                | 12.3 |  | "    | 10.0 |  | 123  | 80-127 |           |  |  |  |
| trans-1,2-Dichloroethylene             | 12.4 |  | "    | 10.0 |  | 124  | 80-132 |           |  |  |  |
| trans-1,3-Dichloropropylene            | 11.4 |  | "    | 10.0 |  | 114  | 78-131 |           |  |  |  |
| trans-1,4-dichloro-2-butene            | 11.0 |  | "    | 10.0 |  | 110  | 63-141 |           |  |  |  |
| Trichloroethylene                      | 12.6 |  | "    | 10.0 |  | 126  | 82-128 |           |  |  |  |
| Trichlorofluoromethane                 | 13.5 |  | "    | 10.0 |  | 135  | 67-139 |           |  |  |  |
| Vinyl acetate                          | 11.2 |  | "    | 10.0 |  | 112  | 21-90  | High Bias |  |  |  |
| Vinyl Chloride                         | 13.6 |  | "    | 10.0 |  | 136  | 58-145 |           |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 8.86 |  | "    | 10.0 |  | 88.6 | 69-130 |           |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.4 |  | "    | 10.0 |  | 104  | 81-117 |           |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.4 |  | "    | 10.0 |  | 104  | 79-122 |           |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD   | Limit | Flag     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-------|-------|----------|
| <b>Batch BD51584 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |       |       |          |
| <b>LCS Dup (BD51584-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/21/2025 |             |           |       |       |          |
| 1,1,1,2-Tetrachloroethane                         | 12.8   |                 | ug/L  | 10.0        |                | 128                             | 82-126      | High Bias | 5.19  | 30    |          |
| 1,1,1-Trichloroethane                             | 12.3   |                 | "     | 10.0        |                | 123                             | 78-136      |           | 0.898 | 30    |          |
| 1,1,2,2-Tetrachloroethane                         | 12.8   |                 | "     | 10.0        |                | 128                             | 76-129      |           | 11.3  | 30    |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.3   |                 | "     | 10.0        |                | 133                             | 54-165      |           | 0.225 | 30    |          |
| 1,1,2-Trichloroethane                             | 12.2   |                 | "     | 10.0        |                | 122                             | 82-123      |           | 12.5  | 30    |          |
| 1,1-Dichloroethane                                | 12.0   |                 | "     | 10.0        |                | 120                             | 82-129      |           | 1.09  | 30    |          |
| 1,1-Dichloroethylene                              | 13.5   |                 | "     | 10.0        |                | 135                             | 68-138      |           | 2.42  | 30    |          |
| 1,1-Dichloropropylene                             | 12.6   |                 | "     | 10.0        |                | 126                             | 83-133      |           | 0.396 | 30    |          |
| 1,2,3-Trichlorobenzene                            | 11.6   |                 | "     | 10.0        |                | 116                             | 76-136      |           | 9.85  | 30    |          |
| 1,2,3-Trichloropropane                            | 12.1   |                 | "     | 10.0        |                | 121                             | 77-128      |           | 9.28  | 30    |          |
| 1,2,4,5-Tetramethylbenzene                        | 11.9   |                 | "     | 10.0        |                | 119                             | 85-140      |           | 1.08  | 30    |          |
| 1,2,4-Trichlorobenzene                            | 11.6   |                 | "     | 10.0        |                | 116                             | 76-137      |           | 4.77  | 30    |          |
| 1,2,4-Trimethylbenzene                            | 12.5   |                 | "     | 10.0        |                | 125                             | 82-132      |           | 2.99  | 30    |          |
| 1,2-Dibromo-3-chloropropane                       | 10.2   |                 | "     | 10.0        |                | 102                             | 45-147      |           | 4.82  | 30    |          |
| 1,2-Dibromoethane                                 | 12.4   |                 | "     | 10.0        |                | 124                             | 83-124      |           | 11.7  | 30    |          |
| 1,2-Dichlorobenzene                               | 11.9   |                 | "     | 10.0        |                | 119                             | 79-123      |           | 1.19  | 30    |          |
| 1,2-Dichloroethane                                | 12.0   |                 | "     | 10.0        |                | 120                             | 73-132      |           | 8.80  | 30    |          |
| 1,2-Dichloropropane                               | 12.5   |                 | "     | 10.0        |                | 125                             | 78-126      |           | 4.40  | 30    |          |
| 1,3,5-Trimethylbenzene                            | 13.7   |                 | "     | 10.0        |                | 137                             | 80-131      | High Bias | 5.27  | 30    |          |
| 1,3-Dichlorobenzene                               | 11.7   |                 | "     | 10.0        |                | 117                             | 86-122      |           | 2.53  | 30    |          |
| 1,3-Dichloropropane                               | 12.4   |                 | "     | 10.0        |                | 124                             | 81-125      |           | 10.7  | 30    |          |
| 1,4-Dichlorobenzene                               | 11.6   |                 | "     | 10.0        |                | 116                             | 85-124      |           | 1.80  | 30    |          |
| 1,4-Dioxane                                       | 96.4   |                 | "     | 210         |                | 45.9                            | 10-349      |           | 49.3  | 30    | Non-dir. |
| 2,2-Dichloropropane                               | 11.0   |                 | "     | 10.0        |                | 110                             | 56-150      |           | 0.273 | 30    |          |
| 2-Butanone                                        | 13.0   |                 | "     | 10.0        |                | 130                             | 49-152      |           | 20.0  | 30    |          |
| 2-Chlorotoluene                                   | 12.4   |                 | "     | 10.0        |                | 124                             | 79-130      |           | 3.40  | 30    |          |
| 2-Hexanone                                        | 10.5   |                 | "     | 10.0        |                | 105                             | 51-146      |           | 22.9  | 30    |          |
| 4-Chlorotoluene                                   | 12.4   |                 | "     | 10.0        |                | 124                             | 79-128      |           | 5.02  | 30    |          |
| 4-Methyl-2-pentanone                              | 10.1   |                 | "     | 10.0        |                | 101                             | 57-145      |           | 24.7  | 30    |          |
| Acetone                                           | 9.18   |                 | "     | 10.0        |                | 91.8                            | 14-150      |           | 7.57  | 30    |          |
| Acrolein                                          | 12.0   |                 | "     | 10.0        |                | 120                             | 10-153      |           | 7.18  | 30    |          |
| Acrylonitrile                                     | 12.6   |                 | "     | 10.0        |                | 126                             | 51-150      |           | 15.6  | 30    |          |
| Benzene                                           | 12.4   |                 | "     | 10.0        |                | 124                             | 85-126      |           | 2.28  | 30    |          |
| Bromobenzene                                      | 12.5   |                 | "     | 10.0        |                | 125                             | 78-129      |           | 0.400 | 30    |          |
| Bromochloromethane                                | 12.0   |                 | "     | 10.0        |                | 120                             | 77-128      |           | 7.37  | 30    |          |
| Bromodichloromethane                              | 13.0   |                 | "     | 10.0        |                | 130                             | 79-128      | High Bias | 4.90  | 30    |          |
| Bromoform                                         | 11.3   |                 | "     | 10.0        |                | 113                             | 78-133      |           | 13.6  | 30    |          |
| Bromomethane                                      | 10.2   |                 | "     | 10.0        |                | 102                             | 43-168      |           | 5.96  | 30    |          |
| Carbon disulfide                                  | 13.5   |                 | "     | 10.0        |                | 135                             | 68-146      |           | 2.56  | 30    |          |
| Carbon tetrachloride                              | 12.9   |                 | "     | 10.0        |                | 129                             | 77-141      |           | 0.540 | 30    |          |
| Chlorobenzene                                     | 12.0   |                 | "     | 10.0        |                | 120                             | 88-120      |           | 3.31  | 30    |          |
| Chloroethane                                      | 12.8   |                 | "     | 10.0        |                | 128                             | 65-136      |           | 1.55  | 30    |          |
| Chloroform                                        | 11.5   |                 | "     | 10.0        |                | 115                             | 82-128      |           | 3.09  | 30    |          |
| Chloromethane                                     | 12.5   |                 | "     | 10.0        |                | 125                             | 43-155      |           | 2.83  | 30    |          |
| cis-1,2-Dichloroethylene                          | 12.1   |                 | "     | 10.0        |                | 121                             | 83-129      |           | 2.77  | 30    |          |
| cis-1,3-Dichloropropylene                         | 12.2   |                 | "     | 10.0        |                | 122                             | 80-131      |           | 4.85  | 30    |          |
| Cyclohexane                                       | 12.5   |                 | "     | 10.0        |                | 125                             | 63-149      |           | 1.04  | 30    |          |
| Dibromochloromethane                              | 11.9   |                 | "     | 10.0        |                | 119                             | 80-130      |           | 10.7  | 30    |          |
| Dibromomethane                                    | 11.5   |                 | "     | 10.0        |                | 115                             | 72-134      |           | 9.28  | 30    |          |
| Dichlorodifluoromethane                           | 16.2   |                 | "     | 10.0        |                | 162                             | 44-144      | High Bias | 3.34  | 30    |          |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag      | RPD   | RPD<br>Limit | Flag     |
|----------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|-----------|-------|--------------|----------|
| <b>Batch BD51584 - EPA 5030B</b>       |        |                    |       |                |                   |                                 |                |           |       |              |          |
| <b>LCS Dup (BD51584-BSD1)</b>          |        |                    |       |                |                   | Prepared & Analyzed: 04/21/2025 |                |           |       |              |          |
| Diisopropyl ether (DIPE)               | 12.3   |                    | ug/L  | 10.0           |                   | 123                             | 70-130         |           | 7.93  | 30           |          |
| Ethyl Benzene                          | 12.9   |                    | "     | 10.0           |                   | 129                             | 80-131         |           | 1.40  | 30           |          |
| Ethyl tert-butyl ether (ETBE)          | 11.8   |                    | "     | 10.0           |                   | 118                             | 70-130         |           | 12.3  | 30           |          |
| Hexachlorobutadiene                    | 10.9   |                    | "     | 10.0           |                   | 109                             | 67-146         |           | 4.73  | 30           |          |
| Iodomethane                            | 9.68   |                    | "     | 10.0           |                   | 96.8                            | 70-130         |           | 8.79  | 30           |          |
| Isopropylbenzene                       | 12.8   |                    | "     | 10.0           |                   | 128                             | 76-140         |           | 5.34  | 30           |          |
| Methyl acetate                         | 7.86   |                    | "     | 10.0           |                   | 78.6                            | 51-139         |           | 18.6  | 30           |          |
| Methyl Methacrylate                    | 12.8   |                    | "     | 10.0           |                   | 128                             | 72-132         |           | 24.5  | 30           |          |
| Methyl tert-butyl ether (MTBE)         | 11.7   |                    | "     | 10.0           |                   | 117                             | 76-135         |           | 15.7  | 30           |          |
| Methyleyclohexane                      | 12.8   |                    | "     | 10.0           |                   | 128                             | 72-143         |           | 0.467 | 30           |          |
| Methylene chloride                     | 12.1   |                    | "     | 10.0           |                   | 121                             | 55-137         |           | 3.97  | 30           |          |
| Naphthalene                            | 12.1   |                    | "     | 10.0           |                   | 121                             | 70-147         |           | 13.4  | 30           |          |
| n-Butylbenzene                         | 12.5   |                    | "     | 10.0           |                   | 125                             | 79-132         |           | 6.66  | 30           |          |
| n-Propylbenzene                        | 12.7   |                    | "     | 10.0           |                   | 127                             | 78-133         |           | 5.80  | 30           |          |
| o-Xylene                               | 12.4   |                    | "     | 10.0           |                   | 124                             | 78-130         |           | 2.61  | 30           |          |
| p- & m- Xylenes                        | 25.3   |                    | "     | 20.0           |                   | 127                             | 77-133         |           | 1.39  | 30           |          |
| p-Diethylbenzene                       | 12.4   |                    | "     | 10.0           |                   | 124                             | 84-134         |           | 4.97  | 30           |          |
| p-Ethyltoluene                         | 12.8   |                    | "     | 10.0           |                   | 128                             | 88-129         |           | 5.34  | 30           |          |
| p-Isopropyltoluene                     | 13.0   |                    | "     | 10.0           |                   | 130                             | 81-136         |           | 5.33  | 30           |          |
| sec-Butylbenzene                       | 12.6   |                    | "     | 10.0           |                   | 126                             | 79-137         |           | 6.21  | 30           |          |
| Styrene                                | 13.3   |                    | "     | 10.0           |                   | 133                             | 67-132         | High Bias | 4.47  | 30           |          |
| tert-Amyl alcohol (TAA)                | 77.3   |                    | "     | 100            |                   | 77.3                            | 70-130         |           | 42.9  | 30           | Non-dir. |
| tert-Amyl methyl ether (TAME)          | 11.3   |                    | "     | 10.0           |                   | 113                             | 70-130         |           | 15.9  | 30           |          |
| tert-Butyl alcohol (TBA)               | 39.5   |                    | "     | 50.0           |                   | 79.0                            | 25-162         |           | 45.3  | 30           | Non-dir. |
| tert-Butylbenzene                      | 11.2   |                    | "     | 10.0           |                   | 112                             | 77-138         |           | 5.41  | 30           |          |
| Tetrachloroethylene                    | 11.5   |                    | "     | 10.0           |                   | 115                             | 82-131         |           | 0.174 | 30           |          |
| Tetrahydrofuran                        | 11.6   |                    | "     | 10.0           |                   | 116                             | 36-166         |           | 21.9  | 30           |          |
| Toluene                                | 12.4   |                    | "     | 10.0           |                   | 124                             | 80-127         |           | 0.892 | 30           |          |
| trans-1,2-Dichloroethylene             | 12.5   |                    | "     | 10.0           |                   | 125                             | 80-132         |           | 0.644 | 30           |          |
| trans-1,3-Dichloropropylene            | 12.6   |                    | "     | 10.0           |                   | 126                             | 78-131         |           | 10.0  | 30           |          |
| trans-1,4-dichloro-2-butene            | 12.1   |                    | "     | 10.0           |                   | 121                             | 63-141         |           | 9.28  | 30           |          |
| Trichloroethylene                      | 12.6   |                    | "     | 10.0           |                   | 126                             | 82-128         |           | 0.476 | 30           |          |
| Trichlorofluoromethane                 | 13.4   |                    | "     | 10.0           |                   | 134                             | 67-139         |           | 0.819 | 30           |          |
| Vinyl acetate                          | 12.2   |                    | "     | 10.0           |                   | 122                             | 21-90          | High Bias | 9.31  | 30           |          |
| Vinyl Chloride                         | 13.1   |                    | "     | 10.0           |                   | 131                             | 58-145         |           | 4.26  | 30           |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.42   |                    | "     | 10.0           |                   | 94.2                            | 69-130         |           |       |              |          |
| Surrogate: SURR: Toluene-d8            | 10.2   |                    | "     | 10.0           |                   | 102                             | 81-117         |           |       |              |          |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.0   |                    | "     | 10.0           |                   | 100                             | 79-122         |           |       |              |          |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51463 - EPA 1633 Prep

##### Blank (BD51463-BLK1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                       |    |      |      |
|-------------------------------------------------------|----|------|------|
| Perfluorobutanesulfonic acid (PFBS)                   | ND | 1.77 | ng/L |
| Perfluorohexanoic acid (PFHxA)                        | ND | 2.00 | "    |
| Perfluoroheptanoic acid (PFHpA)                       | ND | 2.00 | "    |
| Perfluorohexanesulfonic acid (PFHxS)                  | ND | 1.83 | "    |
| Perfluorooctanoic acid (PFOA)                         | ND | 2.00 | "    |
| Perfluorooctanesulfonic acid (PFOS)                   | ND | 1.86 | "    |
| Perfluorononanoic acid (PFNA)                         | ND | 2.00 | "    |
| Perfluorodecanoic acid (PFDA)                         | ND | 2.00 | "    |
| Perfluoroundecanoic acid (PFUnA)                      | ND | 2.00 | "    |
| Perfluorododecanoic acid (PFDoA)                      | ND | 2.00 | "    |
| Perfluorotridecanoic acid (PFTriDA)                   | ND | 2.00 | "    |
| Perfluorotetradecanoic acid (PFTA)                    | ND | 2.00 | "    |
| N-MeFOSAA                                             | ND | 2.00 | "    |
| N-EtFOSAA                                             | ND | 2.00 | "    |
| Perfluoropentanoic acid (PFPeA)                       | ND | 4.00 | "    |
| Perfluoro-1-octanesulfonamide (FOSA)                  | ND | 2.00 | "    |
| Perfluoro-1-heptanesulfonic acid (PFHpS)              | ND | 1.91 | "    |
| Perfluoro-1-decanesulfonic acid (PFDS)                | ND | 1.93 | "    |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid<br>(6:2 FTS) | ND | 7.60 | "    |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid<br>(8:2 FTS) | ND | 7.68 | "    |
| Perfluoro-n-butanoic acid (PFBA)                      | ND | 8.00 | "    |
| Perfluoro(2-ethoxyethane)sulfonic acid<br>(PFEEESA)   | ND | 3.56 | "    |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)             | ND | 4.00 | "    |
| Perfluoro-4-oxapentanoic acid (PFMPA)                 | ND | 4.00 | "    |
| Perfluoro-5-oxahexanoic acid (PFMBA)                  | ND | 4.00 | "    |
| Perfluoro-1-pentanesulfonate (PFPeS)                  | ND | 1.88 | "    |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid<br>(4:2 FTS) | ND | 7.50 | "    |
| HFPO-DA (Gen-X)                                       | ND | 8.00 | "    |
| 11CL-PF3OUdS                                          | ND | 7.56 | "    |
| 9CL-PF3ONS                                            | ND | 7.48 | "    |
| ADONA                                                 | ND | 7.56 | "    |
| Perfluorododecanesulfonic acid (PFDoS)                | ND | 1.94 | "    |
| Perfluoro-1-nonanesulfonic acid (PFNS)                | ND | 1.92 | "    |
| 3-Perfluoropropyl propanoic acid (FPrPA)              | ND | 5.00 | "    |
| 3-Perfluoropentyl propanoic acid (FPePA)              | ND | 25.0 | "    |
| 3-Perfluoroheptyl propanoic acid (FHpPA)              | ND | 25.0 | "    |
| N-MeFOSE                                              | ND | 20.0 | "    |
| N-MeFOSA                                              | ND | 2.00 | "    |
| N-EtFOSE                                              | ND | 20.0 | "    |
| N-EtFOSA                                              | ND | 2.00 | "    |

|                                                        |      |   |      |     |        |
|--------------------------------------------------------|------|---|------|-----|--------|
| Surrogate: M3PFBS                                      | 29.3 | " | 23.3 | 126 | 25-150 |
| Surrogate: M5PFHxA                                     | 28.4 | " | 25.0 | 114 | 25-150 |
| Surrogate: M4PFHpA                                     | 30.5 | " | 25.0 | 122 | 25-150 |
| Surrogate: M3PFHxS                                     | 29.1 | " | 23.7 | 123 | 25-150 |
| Surrogate: Perfluoro-n-[13C8]octanoic<br>acid (M8PFOA) | 34.8 | " | 25.0 | 139 | 25-150 |
| Surrogate: M6PFDA                                      | 15.5 | " | 12.5 | 124 | 25-150 |
| Surrogate: M7PFUdA                                     | 15.8 | " | 12.5 | 126 | 25-150 |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51463 - EPA 1633 Prep

##### Blank (BD51463-BLK1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.9 |  | ng/L | 12.5 |  | 103  | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.48 |  | "    | 12.5 |  | 75.9 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 11.4 |  | "    | 100  |  | 11.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.1 |  | "    | 24.0 |  | 138  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 48.3 |  | "    | 50.0 |  | 96.6 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 34.2 |  | "    | 25.0 |  | 137  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 58.4 |  | "    | 50.0 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 57.6 |  | "    | 50.0 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 66.7 |  | "    | 47.6 |  | 140  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 62.4 |  | "    | 48.0 |  | 130  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 14.6 |  | "    | 12.5 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 60.3 |  | "    | 46.9 |  | 129  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 23.5 |  | "    | 25.0 |  | 93.9 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 23.8 |  | "    | 25.0 |  | 95.0 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 116  |  | "    | 100  |  | 116  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 270  |  | "    | 250  |  | 108  | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 287  |  | "    | 250  |  | 115  | 25-150 |  |  |  |  |

##### LCS (BD51463-BS1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                    |      |      |      |      |  |      |        |          |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 32.5 | 1.77 | ng/L | 35.4 |  | 91.9 | 50-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 34.0 | 2.00 | "    | 40.0 |  | 85.1 | 50-150 |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 34.4 | 2.00 | "    | 40.0 |  | 86.1 | 50-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 33.1 | 1.83 | "    | 36.6 |  | 90.3 | 50-150 |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 32.2 | 2.00 | "    | 40.0 |  | 80.5 | 50-150 |          |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 31.9 | 1.86 | "    | 37.2 |  | 85.9 | 50-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 30.2 | 2.00 | "    | 40.0 |  | 75.5 | 50-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 38.2 | 2.00 | "    | 40.0 |  | 95.5 | 50-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 39.0 | 2.00 | "    | 40.0 |  | 97.5 | 50-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 37.1 | 2.00 | "    | 40.0 |  | 92.6 | 50-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                | 42.0 | 2.00 | "    | 40.0 |  | 105  | 50-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 34.0 | 2.00 | "    | 40.0 |  | 85.1 | 50-150 |          |  |  |  |
| N-MeFOSAA                                          | 36.3 | 2.00 | "    | 40.0 |  | 90.8 | 50-150 |          |  |  |  |
| N-EtFOSAA                                          | 35.7 | 2.00 | "    | 40.0 |  | 89.2 | 50-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 70.7 | 4.00 | "    | 80.0 |  | 88.4 | 50-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 32.0 | 2.00 | "    | 40.0 |  | 80.0 | 50-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 32.9 | 1.91 | "    | 38.2 |  | 86.3 | 50-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 30.3 | 1.93 | "    | 38.6 |  | 78.6 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 136  | 7.60 | "    | 152  |  | 89.8 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 141  | 7.68 | "    | 154  |  | 91.5 | 50-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 133  | 8.00 | "    | 160  |  | 83.2 | 50-150 |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | 64.1 | 3.56 | "    | 71.2 |  | 90.0 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxahheptanoic acid (NFDHA)         | 72.5 | 4.00 | "    | 80.0 |  | 90.7 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 18.8 | 4.00 | "    | 80.0 |  | 23.5 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 94.8 | 4.00 | "    | 80.0 |  | 118  | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 33.5 | 1.88 | "    | 37.6 |  | 89.2 | 50-150 |          |  |  |  |



# PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

### Batch BD51463 - EPA 1633 Prep

#### LCS (BD51463-BS1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 138  | 7.50 | ng/L | 150  |  | 92.0 | 50-150 |  |  |  |  |
| HFPO-DA (Gen-X)                                           | 83.8 | 8.00 | "    | 80.0 |  | 105  | 50-150 |  |  |  |  |
| 11CL-PF3OUdS                                              | 59.8 | 7.56 | "    | 75.6 |  | 79.0 | 50-150 |  |  |  |  |
| 9CL-PF3ONS                                                | 67.2 | 7.48 | "    | 74.8 |  | 89.8 | 50-150 |  |  |  |  |
| ADONA                                                     | 73.6 | 7.56 | "    | 75.6 |  | 97.4 | 50-150 |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | 23.7 | 1.94 | "    | 38.8 |  | 61.2 | 50-150 |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 27.1 | 1.92 | "    | 38.4 |  | 70.4 | 50-150 |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | 115  | 5.00 | "    | 160  |  | 71.8 | 50-150 |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 904  | 25.0 | "    | 800  |  | 113  | 50-150 |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 936  | 25.0 | "    | 800  |  | 117  | 50-150 |  |  |  |  |
| N-MeFOSE                                                  | 378  | 20.0 | "    | 400  |  | 94.5 | 50-150 |  |  |  |  |
| N-MeFOSA                                                  | 36.8 | 2.00 | "    | 40.0 |  | 92.1 | 50-150 |  |  |  |  |
| N-EtFOSE                                                  | 367  | 20.0 | "    | 400  |  | 91.6 | 50-150 |  |  |  |  |
| N-EtFOSA                                                  | 37.6 | 2.00 | "    | 40.0 |  | 94.0 | 50-150 |  |  |  |  |
| Surrogate: M3PFBS                                         | 29.8 |      | "    | 23.3 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 29.0 |      | "    | 25.0 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 29.9 |      | "    | 25.0 |  | 119  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 32.1 |      | "    | 23.7 |  | 135  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 32.6 |      | "    | 25.0 |  | 130  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 13.2 |      | "    | 12.5 |  | 106  | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                        | 12.4 |      | "    | 12.5 |  | 99.1 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 10.2 |      | "    | 12.5 |  | 81.3 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.61 |      | "    | 12.5 |  | 76.9 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 8.61 |      | "    | 100  |  | 8.61 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.6 |      | "    | 24.0 |  | 140  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 41.5 |      | "    | 50.0 |  | 83.1 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.1 |      | "    | 25.0 |  | 140  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 59.1 |      | "    | 50.0 |  | 118  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 63.4 |      | "    | 50.0 |  | 127  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 71.0 |      | "    | 47.6 |  | 149  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 71.1 |      | "    | 48.0 |  | 148  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 16.6 |      | "    | 12.5 |  | 133  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 67.2 |      | "    | 46.9 |  | 143  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 26.5 |      | "    | 25.0 |  | 106  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 23.3 |      | "    | 25.0 |  | 93.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 115  |      | "    | 100  |  | 115  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 307  |      | "    | 250  |  | 123  | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 304  |      | "    | 250  |  | 122  | 25-150 |  |  |  |  |





## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                             | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|-----------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD51463 - EPA 1633 Prep</b>                |        |                 |       |             |                |                                           |             |          |     |           |      |
| <b>LCS (BD51463-BS2)</b>                            |        |                 |       |             |                | Prepared: 04/20/2025 Analyzed: 04/21/2025 |             |          |     |           |      |
| Perfluorobutanesulfonic acid (PFBS)                 | 3.43   | 1.77            | ng/L  | 3.54        |                | 96.9                                      | 50-150      |          |     |           |      |
| Perfluorohexanoic acid (PFHxA)                      | 3.30   | 2.00            | "     | 4.00        |                | 82.5                                      | 50-150      |          |     |           |      |
| Perfluoroheptanoic acid (PFHpA)                     | 3.39   | 2.00            | "     | 4.00        |                | 84.7                                      | 50-150      |          |     |           |      |
| Perfluorohexanesulfonic acid (PFHxS)                | 2.56   | 1.83            | "     | 3.66        |                | 70.0                                      | 50-150      |          |     |           |      |
| Perfluorooctanoic acid (PFOA)                       | 3.09   | 2.00            | "     | 4.00        |                | 77.2                                      | 50-150      |          |     |           |      |
| Perfluorooctanesulfonic acid (PFOS)                 | 2.82   | 1.86            | "     | 3.72        |                | 75.7                                      | 50-150      |          |     |           |      |
| Perfluorononanoic acid (PFNA)                       | 3.60   | 2.00            | "     | 4.00        |                | 89.9                                      | 50-150      |          |     |           |      |
| Perfluorodecanoic acid (PFDA)                       | 3.32   | 2.00            | "     | 4.00        |                | 83.0                                      | 50-150      |          |     |           |      |
| Perfluoroundecanoic acid (PFUnA)                    | 4.06   | 2.00            | "     | 4.00        |                | 101                                       | 50-150      |          |     |           |      |
| Perfluorododecanoic acid (PFDoA)                    | 3.42   | 2.00            | "     | 4.00        |                | 85.5                                      | 50-150      |          |     |           |      |
| Perfluorotridecanoic acid (PFTriDA)                 | 4.03   | 2.00            | "     | 4.00        |                | 101                                       | 50-150      |          |     |           |      |
| Perfluorotetradecanoic acid (PFTA)                  | 3.56   | 2.00            | "     | 4.00        |                | 89.1                                      | 50-150      |          |     |           |      |
| N-MeFOSAA                                           | 3.65   | 2.00            | "     | 4.00        |                | 91.3                                      | 50-150      |          |     |           |      |
| N-EtFOSAA                                           | 2.71   | 2.00            | "     | 4.00        |                | 67.7                                      | 50-150      |          |     |           |      |
| Perfluoropentanoic acid (PFPeA)                     | 6.86   | 4.00            | "     | 8.00        |                | 85.8                                      | 50-150      |          |     |           |      |
| Perfluoro-1-octanesulfonamide (FOSA)                | 2.94   | 2.00            | "     | 4.00        |                | 73.6                                      | 50-150      |          |     |           |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | 2.89   | 1.91            | "     | 3.82        |                | 75.6                                      | 50-150      |          |     |           |      |
| Perfluoro-1-decanesulfonic acid (PFDS)              | 2.59   | 1.93            | "     | 3.86        |                | 67.1                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | 12.3   | 7.60            | "     | 15.2        |                | 81.0                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 12.3   | 7.68            | "     | 15.4        |                | 80.3                                      | 50-150      |          |     |           |      |
| Perfluoro-n-butanoic acid (PFBA)                    | 13.0   | 8.00            | "     | 16.0        |                | 81.1                                      | 50-150      |          |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | 5.59   | 3.56            | "     | 7.12        |                | 78.5                                      | 50-150      |          |     |           |      |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)           | 7.43   | 4.00            | "     | 8.00        |                | 92.8                                      | 50-150      |          |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | 2.55   | 4.00            | "     | 8.00        |                | 31.8                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | 6.97   | 4.00            | "     | 8.00        |                | 87.2                                      | 50-150      |          |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                | 2.87   | 1.88            | "     | 3.76        |                | 76.3                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | 13.3   | 7.50            | "     | 15.0        |                | 88.8                                      | 50-150      |          |     |           |      |
| HFPO-DA (Gen-X)                                     | 7.46   | 8.00            | "     | 8.00        |                | 93.3                                      | 50-150      |          |     |           |      |
| 11CL-PF3OUdS                                        | 5.34   | 7.56            | "     | 7.56        |                | 70.7                                      | 50-150      |          |     |           |      |
| 9CL-PF3ONS                                          | 5.41   | 7.48            | "     | 7.48        |                | 72.3                                      | 50-150      |          |     |           |      |
| ADONA                                               | 6.61   | 7.56            | "     | 7.56        |                | 87.5                                      | 50-150      |          |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)              | 1.64   | 1.94            | "     | 3.88        |                | 42.2                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | 2.80   | 1.92            | "     | 3.84        |                | 72.9                                      | 50-150      |          |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | 14.3   | 5.00            | "     | 16.0        |                | 89.3                                      | 50-150      |          |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)            | 81.7   | 25.0            | "     | 80.0        |                | 102                                       | 50-150      |          |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | 84.8   | 25.0            | "     | 80.0        |                | 106                                       | 50-150      |          |     |           |      |
| N-MeFOSE                                            | 33.1   | 20.0            | "     | 40.0        |                | 82.7                                      | 50-150      |          |     |           |      |
| N-MeFOSA                                            | 3.98   | 2.00            | "     | 4.00        |                | 99.5                                      | 50-150      |          |     |           |      |
| N-EtFOSE                                            | 35.7   | 20.0            | "     | 40.0        |                | 89.1                                      | 50-150      |          |     |           |      |
| N-EtFOSA                                            | 3.44   | 2.00            | "     | 4.00        |                | 85.9                                      | 50-150      |          |     |           |      |
| Surrogate: M3PFBS                                   | 27.2   |                 | "     | 23.3        |                | 117                                       | 25-150      |          |     |           |      |
| Surrogate: M5PFHxA                                  | 28.0   |                 | "     | 25.0        |                | 112                                       | 25-150      |          |     |           |      |
| Surrogate: M4PFHpA                                  | 29.9   |                 | "     | 25.0        |                | 120                                       | 25-150      |          |     |           |      |
| Surrogate: M3PFHxS                                  | 29.6   |                 | "     | 23.7        |                | 125                                       | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 31.1   |                 | "     | 25.0        |                | 124                                       | 25-150      |          |     |           |      |
| Surrogate: M6PFDA                                   | 13.6   |                 | "     | 12.5        |                | 109                                       | 25-150      |          |     |           |      |
| Surrogate: M7PFUdA                                  | 13.9   |                 | "     | 12.5        |                | 111                                       | 25-150      |          |     |           |      |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

## Batch BD51463 - EPA 1633 Prep

## LCS (BD51463-BS2)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.2 |  | ng/L | 12.5 |  | 90.0 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.91 |  | "    | 12.5 |  | 79.3 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 10.2 |  | "    | 100  |  | 10.2 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 30.6 |  | "    | 24.0 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 51.7 |  | "    | 50.0 |  | 103  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 29.5 |  | "    | 25.0 |  | 118  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 53.4 |  | "    | 50.0 |  | 107  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 57.7 |  | "    | 50.0 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 63.1 |  | "    | 47.6 |  | 133  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 61.4 |  | "    | 48.0 |  | 128  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 13.7 |  | "    | 12.5 |  | 110  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 59.3 |  | "    | 46.9 |  | 127  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 20.1 |  | "    | 25.0 |  | 80.5 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 18.0 |  | "    | 25.0 |  | 71.8 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 104  |  | "    | 100  |  | 104  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 273  |  | "    | 250  |  | 109  | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 287  |  | "    | 250  |  | 115  | 25-150 |  |  |  |  |

## Matrix Spike (BD51463-MS1)

\*Source sample: 25D1028-08 (MW-63)

Prepared: 04/20/2025 Analyzed: 04/22/2025

|                                                    |       |      |      |      |       |      |        |          |  |  |  |
|----------------------------------------------------|-------|------|------|------|-------|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 542   | 88.5 | ng/L | 354  | 324   | 61.7 | 25-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 1470  | 100  | "    | 400  | 1380  | 23.1 | 25-150 | Low Bias |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 584   | 100  | "    | 400  | 349   | 58.7 | 25-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 8230  | 91.5 | "    | 366  | 9270  | NR   | 25-150 | Low Bias |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 14800 | 100  | "    | 400  | 18900 | NR   | 25-150 | Low Bias |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 1810  | 93.0 | "    | 372  | 1680  | 36.9 | 25-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 360   | 100  | "    | 400  | 27.6  | 83.0 | 25-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 319   | 100  | "    | 400  | ND    | 79.7 | 25-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 284   | 100  | "    | 400  | ND    | 70.9 | 25-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 281   | 100  | "    | 400  | ND    | 70.2 | 25-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                | 339   | 100  | "    | 400  | ND    | 84.8 | 25-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 295   | 100  | "    | 400  | ND    | 73.7 | 25-150 |          |  |  |  |
| N-MeFOSAA                                          | 305   | 100  | "    | 400  | ND    | 76.4 | 25-150 |          |  |  |  |
| N-EtFOSAA                                          | 353   | 100  | "    | 400  | ND    | 88.4 | 25-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 990   | 200  | "    | 800  | 409   | 72.7 | 25-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 362   | 100  | "    | 400  | ND    | 90.4 | 25-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 407   | 95.5 | "    | 382  | 152   | 66.8 | 25-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 291   | 96.5 | "    | 386  | ND    | 75.5 | 25-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 1370  | 380  | "    | 1520 | ND    | 90.3 | 25-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 1090  | 384  | "    | 1540 | ND    | 70.6 | 25-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 506   | 400  | "    | 1600 | 158   | 21.8 | 25-150 | Low Bias |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | 537   | 178  | "    | 712  | ND    | 75.4 | 25-150 |          |  |  |  |
| Perfluoro-3,6-dioxahheptanoic acid (NFDHA)         | 599   | 200  | "    | 800  | ND    | 74.9 | 25-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 229   | 200  | "    | 800  | ND    | 28.6 | 25-150 |          |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 725   | 200  | "    | 800  | ND    | 90.6 | 25-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 717   | 94.0 | "    | 376  | 564   | 40.9 | 25-150 |          |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

Batch BD51463 - EPA 1633 Prep

|                                                           |                                           |      |      |      |    |      |                                                  |  |  |  |  |
|-----------------------------------------------------------|-------------------------------------------|------|------|------|----|------|--------------------------------------------------|--|--|--|--|
| <b>Matrix Spike (BD51463-MS1)</b>                         | <b>*Source sample: 25D1028-08 (MW-63)</b> |      |      |      |    |      | <b>Prepared: 04/20/2025 Analyzed: 04/22/2025</b> |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 1100                                      | 375  | ng/L | 1500 | ND | 73.1 | 25-150                                           |  |  |  |  |
| HFPO-DA (Gen-X)                                           | 599                                       | 400  | "    | 800  | ND | 74.9 | 25-150                                           |  |  |  |  |
| 11CL-PF3OUdS                                              | 444                                       | 378  | "    | 756  | ND | 58.7 | 25-150                                           |  |  |  |  |
| 9CL-PF3ONS                                                | 536                                       | 374  | "    | 748  | ND | 71.6 | 25-150                                           |  |  |  |  |
| ADONA                                                     | 537                                       | 378  | "    | 756  | ND | 71.1 | 25-150                                           |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | 194                                       | 97.0 | "    | 388  | ND | 49.9 | 25-150                                           |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 242                                       | 96.0 | "    | 384  | ND | 62.9 | 25-150                                           |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | 1050                                      | 250  | "    | 1600 | ND | 65.6 | 25-150                                           |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 7030                                      | 1250 | "    | 8000 | ND | 87.9 | 25-150                                           |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 7290                                      | 1250 | "    | 8000 | ND | 91.1 | 25-150                                           |  |  |  |  |
| N-MeFOSE                                                  | 3140                                      | 1000 | "    | 4000 | ND | 78.5 | 25-150                                           |  |  |  |  |
| N-MeFOSA                                                  | 369                                       | 100  | "    | 400  | ND | 92.2 | 25-150                                           |  |  |  |  |
| N-EtFOSE                                                  | 3950                                      | 1000 | "    | 4000 | ND | 98.7 | 25-150                                           |  |  |  |  |
| N-EtFOSA                                                  | 302                                       | 100  | "    | 400  | ND | 75.5 | 25-150                                           |  |  |  |  |
| Surrogate: M3PFBS                                         | 345                                       |      | "    | 233  |    | 148  | 25-150                                           |  |  |  |  |
| Surrogate: M5PFHxA                                        | 365                                       |      | "    | 250  |    | 146  | 25-150                                           |  |  |  |  |
| Surrogate: M4PFHpA                                        | 386                                       |      | "    | 250  |    | 154  | 25-150                                           |  |  |  |  |
| Surrogate: M3PFHxS                                        | 351                                       |      | "    | 237  |    | 148  | 25-150                                           |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 395                                       |      | "    | 250  |    | 158  | 25-150                                           |  |  |  |  |
| Surrogate: M6PFDA                                         | 179                                       |      | "    | 125  |    | 143  | 25-150                                           |  |  |  |  |
| Surrogate: M7PFUdA                                        | 178                                       |      | "    | 125  |    | 142  | 25-150                                           |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 159                                       |      | "    | 125  |    | 127  | 25-150                                           |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 114                                       |      | "    | 125  |    | 91.2 | 10-150                                           |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 381                                       |      | "    | 1000 |    | 38.1 | 25-150                                           |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 392                                       |      | "    | 240  |    | 164  | 25-150                                           |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 611                                       |      | "    | 500  |    | 122  | 25-150                                           |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 322                                       |      | "    | 250  |    | 129  | 10-150                                           |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 648                                       |      | "    | 500  |    | 130  | 25-150                                           |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 643                                       |      | "    | 500  |    | 129  | 25-150                                           |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 856                                       |      | "    | 476  |    | 180  | 25-200                                           |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 887                                       |      | "    | 480  |    | 185  | 25-200                                           |  |  |  |  |
| Surrogate: M9PFNA                                         | 169                                       |      | "    | 125  |    | 135  | 25-150                                           |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 904                                       |      | "    | 469  |    | 193  | 25-150                                           |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 278                                       |      | "    | 250  |    | 111  | 25-150                                           |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 285                                       |      | "    | 250  |    | 114  | 25-150                                           |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 1580                                      |      | "    | 1000 |    | 158  | 25-150                                           |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 2240                                      |      | "    | 2500 |    | 89.7 | 25-150                                           |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 2740                                      |      | "    | 2500 |    | 110  | 25-150                                           |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51463 - EPA 1633 Prep

|                                                     |       |                                       |      |       |       |      |                                           |          |  |  |  |
|-----------------------------------------------------|-------|---------------------------------------|------|-------|-------|------|-------------------------------------------|----------|--|--|--|
| <b>Matrix Spike (BD51463-MS2)</b>                   |       | *Source sample: 25D1028-08RE1 (MW-63) |      |       |       |      | Prepared: 04/20/2025 Analyzed: 04/21/2025 |          |  |  |  |
| Perfluorobutanesulfonic acid (PFBS)                 | 3620  | 177                                   | ng/L | 3540  | 324   | 93.2 | 25-150                                    |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                      | 5200  | 200                                   | "    | 4000  | 1380  | 95.4 | 25-150                                    |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                     | 4100  | 200                                   | "    | 4000  | 349   | 93.7 | 25-150                                    |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)                | 11400 | 183                                   | "    | 3660  | 9270  | 59.6 | 25-150                                    |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                       | 14800 | 200                                   | "    | 4000  | 18900 | NR   | 25-150                                    | Low Bias |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                 | 4290  | 186                                   | "    | 3720  | 1680  | 70.4 | 25-150                                    |          |  |  |  |
| Perfluorononanoic acid (PFNA)                       | 3670  | 200                                   | "    | 4000  | ND    | 91.7 | 25-150                                    |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                       | 3600  | 200                                   | "    | 4000  | ND    | 90.0 | 25-150                                    |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                    | 3590  | 200                                   | "    | 4000  | ND    | 89.7 | 25-150                                    |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                    | 3370  | 200                                   | "    | 4000  | ND    | 84.1 | 25-150                                    |          |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                 | 4740  | 200                                   | "    | 4000  | ND    | 119  | 25-150                                    |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                  | 3460  | 200                                   | "    | 4000  | ND    | 86.5 | 25-150                                    |          |  |  |  |
| N-MeFOSAA                                           | 3630  | 200                                   | "    | 4000  | ND    | 90.8 | 25-150                                    |          |  |  |  |
| N-EtFOSAA                                           | 3510  | 200                                   | "    | 4000  | ND    | 87.8 | 25-150                                    |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                     | 7730  | 400                                   | "    | 8000  | 409   | 91.5 | 25-150                                    |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)                | 3300  | 200                                   | "    | 4000  | ND    | 82.5 | 25-150                                    |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | 3600  | 191                                   | "    | 3820  | 152   | 90.4 | 25-150                                    |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)              | 3380  | 193                                   | "    | 3860  | ND    | 87.5 | 25-150                                    |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | 14300 | 760                                   | "    | 15200 | ND    | 94.3 | 25-150                                    |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 14200 | 768                                   | "    | 15400 | ND    | 92.6 | 25-150                                    |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                    | 12300 | 800                                   | "    | 16000 | 158   | 75.7 | 25-150                                    |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | 6650  | 356                                   | "    | 7120  | ND    | 93.4 | 25-150                                    |          |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)            | 9730  | 400                                   | "    | 8000  | ND    | 122  | 25-150                                    |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | 1360  | 400                                   | "    | 8000  | ND    | 17.0 | 25-150                                    | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | 9850  | 400                                   | "    | 8000  | ND    | 123  | 25-150                                    |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                | 3720  | 188                                   | "    | 3760  | 564   | 84.0 | 25-150                                    |          |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | 14600 | 750                                   | "    | 15000 | ND    | 97.5 | 25-150                                    |          |  |  |  |
| HFPO-DA (Gen-X)                                     | 7800  | 800                                   | "    | 8000  | ND    | 97.5 | 25-150                                    |          |  |  |  |
| 11CL-PF3OUdS                                        | 6380  | 756                                   | "    | 7560  | ND    | 84.4 | 25-150                                    |          |  |  |  |
| 9CL-PF3ONS                                          | 7150  | 748                                   | "    | 7480  | ND    | 95.6 | 25-150                                    |          |  |  |  |
| ADONA                                               | 7240  | 756                                   | "    | 7560  | ND    | 95.8 | 25-150                                    |          |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)              | 2560  | 194                                   | "    | 3880  | ND    | 65.9 | 25-150                                    |          |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | 2950  | 192                                   | "    | 3840  | ND    | 76.9 | 25-150                                    |          |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | 11100 | 500                                   | "    | 16000 | ND    | 69.5 | 25-150                                    |          |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)            | 90300 | 2500                                  | "    | 80000 | ND    | 113  | 25-150                                    |          |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | 97300 | 2500                                  | "    | 80000 | ND    | 122  | 25-150                                    |          |  |  |  |
| N-MeFOSE                                            | 36600 | 2000                                  | "    | 40000 | ND    | 91.4 | 25-150                                    |          |  |  |  |
| N-MeFOSA                                            | 3830  | 200                                   | "    | 4000  | ND    | 95.8 | 25-150                                    |          |  |  |  |
| N-EtFOSE                                            | 36400 | 2000                                  | "    | 40000 | ND    | 91.1 | 25-150                                    |          |  |  |  |
| N-EtFOSA                                            | 3270  | 200                                   | "    | 4000  | ND    | 81.8 | 25-150                                    |          |  |  |  |
| Surrogate: M3PFBS                                   | 2590  |                                       | "    | 2330  |       | 111  | 25-150                                    |          |  |  |  |
| Surrogate: M5PFHxA                                  | 2770  |                                       | "    | 2500  |       | 111  | 25-150                                    |          |  |  |  |
| Surrogate: M4PFHpA                                  | 2780  |                                       | "    | 2500  |       | 111  | 25-150                                    |          |  |  |  |
| Surrogate: M3PFHxS                                  | 2820  |                                       | "    | 2370  |       | 119  | 25-150                                    |          |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 3260  |                                       | "    | 2500  |       | 131  | 25-150                                    |          |  |  |  |
| Surrogate: M6PFDA                                   | 1370  |                                       | "    | 1250  |       | 109  | 25-150                                    |          |  |  |  |
| Surrogate: M7PFUdA                                  | 1340  |                                       | "    | 1250  |       | 107  | 25-150                                    |          |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

## Batch BD51463 - EPA 1633 Prep

|                                                           |       |                                       |      |       |  |      |                                           |  |  |  |  |
|-----------------------------------------------------------|-------|---------------------------------------|------|-------|--|------|-------------------------------------------|--|--|--|--|
| <b>Matrix Spike (BD51463-MS2)</b>                         |       | *Source sample: 25D1028-08RE1 (MW-63) |      |       |  |      | Prepared: 04/20/2025 Analyzed: 04/21/2025 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 1180  |                                       | ng/L | 1250  |  | 94.7 | 25-150                                    |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 885   |                                       | "    | 1250  |  | 70.8 | 10-150                                    |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 438   |                                       | "    | 10000 |  | 4.38 | 25-150                                    |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 3090  |                                       | "    | 2400  |  | 129  | 25-150                                    |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 3700  |                                       | "    | 5000  |  | 74.1 | 25-150                                    |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 3330  |                                       | "    | 2500  |  | 133  | 10-150                                    |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 5950  |                                       | "    | 5000  |  | 119  | 25-150                                    |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 6490  |                                       | "    | 5000  |  | 130  | 25-150                                    |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 5650  |                                       | "    | 4760  |  | 119  | 25-200                                    |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 5980  |                                       | "    | 4800  |  | 124  | 25-200                                    |  |  |  |  |
| Surrogate: M9PFNA                                         | 1560  |                                       | "    | 1250  |  | 125  | 25-150                                    |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 5300  |                                       | "    | 4690  |  | 113  | 25-150                                    |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 2440  |                                       | "    | 2500  |  | 97.6 | 25-150                                    |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 2350  |                                       | "    | 2500  |  | 94.0 | 25-150                                    |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 11200 |                                       | "    | 10000 |  | 112  | 25-150                                    |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 32100 |                                       | "    | 25000 |  | 128  | 25-150                                    |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 34100 |                                       | "    | 25000 |  | 136  | 25-150                                    |  |  |  |  |

|                                                    |       |                                    |      |      |       |      |                                           |           |      |    |          |
|----------------------------------------------------|-------|------------------------------------|------|------|-------|------|-------------------------------------------|-----------|------|----|----------|
| <b>Matrix Spike Dup (BD51463-MSD1)</b>             |       | *Source sample: 25D1028-08 (MW-63) |      |      |       |      | Prepared: 04/20/2025 Analyzed: 04/22/2025 |           |      |    |          |
| Perfluorobutanesulfonic acid (PFBS)                | 670   | 88.5                               | ng/L | 354  | 324   | 97.8 | 25-150                                    |           | 21.1 | 35 |          |
| Perfluorohexanoic acid (PFHxA)                     | 1800  | 100                                | "    | 400  | 1380  | 104  | 25-150                                    |           | 19.8 | 35 |          |
| Perfluoroheptanoic acid (PFHpA)                    | 755   | 100                                | "    | 400  | 349   | 101  | 25-150                                    |           | 25.5 | 35 |          |
| Perfluorohexanesulfonic acid (PFHxS)               | 8980  | 91.5                               | "    | 366  | 9270  | NR   | 25-150                                    | Low Bias  | 8.73 | 35 |          |
| Perfluorooctanoic acid (PFOA)                      | 21500 | 100                                | "    | 400  | 18900 | 654  | 25-150                                    | High Bias | 37.2 | 35 | Non-dir. |
| Perfluorooctanesulfonic acid (PFOS)                | 2200  | 93.0                               | "    | 372  | 1680  | 141  | 25-150                                    |           | 19.4 | 35 |          |
| Perfluorononanoic acid (PFNA)                      | 399   | 100                                | "    | 400  | 27.6  | 92.8 | 25-150                                    |           | 10.4 | 35 |          |
| Perfluorodecanoic acid (PFDA)                      | 438   | 100                                | "    | 400  | ND    | 109  | 25-150                                    |           | 31.4 | 35 |          |
| Perfluoroundecanoic acid (PFUnA)                   | 427   | 100                                | "    | 400  | ND    | 107  | 25-150                                    |           | 40.4 | 35 | Non-dir. |
| Perfluorododecanoic acid (PFDoA)                   | 413   | 100                                | "    | 400  | ND    | 103  | 25-150                                    |           | 38.1 | 35 | Non-dir. |
| Perfluorotridecanoic acid (PFTriDA)                | 571   | 100                                | "    | 400  | ND    | 143  | 25-150                                    |           | 51.0 | 35 | Non-dir. |
| Perfluorotetradecanoic acid (PFTA)                 | 406   | 100                                | "    | 400  | ND    | 101  | 25-150                                    |           | 31.7 | 35 |          |
| N-MeFOSAA                                          | 370   | 100                                | "    | 400  | ND    | 92.5 | 25-150                                    |           | 19.1 | 35 |          |
| N-EtFOSAA                                          | 362   | 100                                | "    | 400  | ND    | 90.5 | 25-150                                    |           | 2.40 | 35 |          |
| Perfluoropentanoic acid (PFPeA)                    | 1180  | 200                                | "    | 800  | 409   | 96.4 | 25-150                                    |           | 17.5 | 35 |          |
| Perfluoro-1-octanesulfonamide (FOSA)               | 387   | 100                                | "    | 400  | ND    | 96.6 | 25-150                                    |           | 6.63 | 35 |          |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 574   | 95.5                               | "    | 382  | 152   | 110  | 25-150                                    |           | 34.0 | 35 |          |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 273   | 96.5                               | "    | 386  | ND    | 70.7 | 25-150                                    |           | 6.48 | 35 |          |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 1470  | 380                                | "    | 1520 | ND    | 96.9 | 25-150                                    |           | 7.01 | 35 |          |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 1410  | 384                                | "    | 1540 | ND    | 91.9 | 25-150                                    |           | 26.2 | 35 |          |
| Perfluoro-n-butanoic acid (PFBA)                   | 1460  | 400                                | "    | 1600 | 158   | 81.6 | 25-150                                    |           | 97.1 | 35 | Non-dir. |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | 643   | 178                                | "    | 712  | ND    | 90.3 | 25-150                                    |           | 18.0 | 30 |          |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 842   | 200                                | "    | 800  | ND    | 105  | 25-150                                    |           | 33.7 | 30 | Non-dir. |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 439   | 200                                | "    | 800  | ND    | 54.8 | 25-150                                    |           | 63.0 | 30 | Non-dir. |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 825   | 200                                | "    | 800  | ND    | 103  | 25-150                                    |           | 12.9 | 30 |          |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 844   | 94.0                               | "    | 376  | 564   | 74.6 | 25-150                                    |           | 16.2 | 30 |          |



# PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte                                                   | Result                                    | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits                                      | Flag | RPD  | RPD Limit | Flag     |
|-----------------------------------------------------------|-------------------------------------------|-----------------|-------|-------------|----------------|------|--------------------------------------------------|------|------|-----------|----------|
| <b>Batch BD51463 - EPA 1633 Prep</b>                      |                                           |                 |       |             |                |      |                                                  |      |      |           |          |
| <b>Matrix Spike Dup (BD51463-MSD1)</b>                    | <b>*Source sample: 25D1028-08 (MW-63)</b> |                 |       |             |                |      | <b>Prepared: 04/20/2025 Analyzed: 04/22/2025</b> |      |      |           |          |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 1370                                      | 375             | ng/L  | 1500        | ND             | 91.2 | 25-150                                           |      | 22.1 | 30        |          |
| HFPO-DA (Gen-X)                                           | 903                                       | 400             | "     | 800         | ND             | 113  | 25-150                                           |      | 40.5 | 30        | Non-dir. |
| 11CL-PF3OUdS                                              | 416                                       | 378             | "     | 756         | ND             | 55.1 | 25-150                                           |      | 6.45 | 30        |          |
| 9CL-PF3ONS                                                | 556                                       | 374             | "     | 748         | ND             | 74.4 | 25-150                                           |      | 3.78 | 30        |          |
| ADONA                                                     | 615                                       | 378             | "     | 756         | ND             | 81.3 | 25-150                                           |      | 13.4 | 30        |          |
| Perfluorododecanesulfonic acid (PFDoS)                    | 161                                       | 97.0            | "     | 388         | ND             | 41.5 | 25-150                                           |      | 18.4 | 30        |          |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 335                                       | 96.0            | "     | 384         | ND             | 87.3 | 25-150                                           |      | 32.5 | 30        | Non-dir. |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | 1570                                      | 250             | "     | 1600        | ND             | 98.2 | 25-150                                           |      | 39.8 | 30        | Non-dir. |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 8520                                      | 1250            | "     | 8000        | ND             | 106  | 25-150                                           |      | 19.1 | 30        |          |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 8560                                      | 1250            | "     | 8000        | ND             | 107  | 25-150                                           |      | 16.1 | 30        |          |
| N-MeFOSE                                                  | 3730                                      | 1000            | "     | 4000        | ND             | 93.2 | 25-150                                           |      | 17.1 | 30        |          |
| N-MeFOSA                                                  | 433                                       | 100             | "     | 400         | ND             | 108  | 25-150                                           |      | 15.9 | 30        |          |
| N-EtFOSE                                                  | 5170                                      | 1000            | "     | 4000        | ND             | 129  | 25-150                                           |      | 26.8 | 30        |          |
| N-EtFOSA                                                  | 307                                       | 100             | "     | 400         | ND             | 76.8 | 25-150                                           |      | 1.66 | 30        |          |
| Surrogate: M3PFBS                                         | 215                                       |                 | "     | 233         |                | 92.4 | 25-150                                           |      |      |           |          |
| Surrogate: M5PFHxA                                        | 232                                       |                 | "     | 250         |                | 92.9 | 25-150                                           |      |      |           |          |
| Surrogate: M4PFHpA                                        | 229                                       |                 | "     | 250         |                | 91.5 | 25-150                                           |      |      |           |          |
| Surrogate: M3PFHxS                                        | 234                                       |                 | "     | 237         |                | 98.7 | 25-150                                           |      |      |           |          |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 249                                       |                 | "     | 250         |                | 99.5 | 25-150                                           |      |      |           |          |
| Surrogate: M6PFDA                                         | 97.3                                      |                 | "     | 125         |                | 77.8 | 25-150                                           |      |      |           |          |
| Surrogate: M7PFUdA                                        | 87.9                                      |                 | "     | 125         |                | 70.3 | 25-150                                           |      |      |           |          |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 67.7                                      |                 | "     | 125         |                | 54.2 | 25-150                                           |      |      |           |          |
| Surrogate: M2PFTeDA                                       | 47.2                                      |                 | "     | 125         |                | 37.7 | 10-150                                           |      |      |           |          |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 305                                       |                 | "     | 1000        |                | 30.5 | 25-150                                           |      |      |           |          |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 223                                       |                 | "     | 240         |                | 93.0 | 25-150                                           |      |      |           |          |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 429                                       |                 | "     | 500         |                | 85.7 | 25-150                                           |      |      |           |          |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 225                                       |                 | "     | 250         |                | 90.2 | 10-150                                           |      |      |           |          |
| Surrogate: d3-N-MeFOSAA                                   | 394                                       |                 | "     | 500         |                | 78.8 | 25-150                                           |      |      |           |          |
| Surrogate: d5-N-EtFOSAA                                   | 378                                       |                 | "     | 500         |                | 75.5 | 25-150                                           |      |      |           |          |
| Surrogate: M2-6:2 FTS                                     | 634                                       |                 | "     | 476         |                | 133  | 25-200                                           |      |      |           |          |
| Surrogate: M2-8:2 FTS                                     | 530                                       |                 | "     | 480         |                | 110  | 25-200                                           |      |      |           |          |
| Surrogate: M9PFNA                                         | 120                                       |                 | "     | 125         |                | 96.2 | 25-150                                           |      |      |           |          |
| Surrogate: M2-4:2 FTS                                     | 562                                       |                 | "     | 469         |                | 120  | 25-150                                           |      |      |           |          |
| Surrogate: d-N-MeFOSA                                     | 171                                       |                 | "     | 250         |                | 68.2 | 25-150                                           |      |      |           |          |
| Surrogate: d-N-EtFOSA                                     | 150                                       |                 | "     | 250         |                | 60.1 | 25-150                                           |      |      |           |          |
| Surrogate: M3HFPO-DA                                      | 1060                                      |                 | "     | 1000        |                | 106  | 25-150                                           |      |      |           |          |
| Surrogate: d9-N-EtFOSE                                    | 710                                       |                 | "     | 2500        |                | 28.4 | 25-150                                           |      |      |           |          |
| Surrogate: d7-N-MeFOSE                                    | 1180                                      |                 | "     | 2500        |                | 47.4 | 25-150                                           |      |      |           |          |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                             | Result                                       | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits                                      | Flag     | RPD   | Limit | Flag |
|-----------------------------------------------------|----------------------------------------------|-----------------|-------|-------------|----------------|------|--------------------------------------------------|----------|-------|-------|------|
| <b>Batch BD51463 - EPA 1633 Prep</b>                |                                              |                 |       |             |                |      |                                                  |          |       |       |      |
| <b>Matrix Spike Dup (BD51463-MSD2)</b>              | <b>*Source sample: 25D1028-08RE1 (MW-63)</b> |                 |       |             |                |      | <b>Prepared: 04/20/2025 Analyzed: 04/21/2025</b> |          |       |       |      |
| Perfluorobutanesulfonic acid (PFBS)                 | 3590                                         | 177             | ng/L  | 3540        | 324            | 92.3 | 25-150                                           |          | 0.917 | 35    |      |
| Perfluorohexanoic acid (PFHxA)                      | 5280                                         | 200             | "     | 4000        | 1380           | 97.4 | 25-150                                           |          | 1.55  | 35    |      |
| Perfluoroheptanoic acid (PFHpA)                     | 3660                                         | 200             | "     | 4000        | 349            | 82.8 | 25-150                                           |          | 11.3  | 35    |      |
| Perfluorohexanesulfonic acid (PFHxS)                | 11900                                        | 183             | "     | 3660        | 9270           | 72.5 | 25-150                                           |          | 4.04  | 35    |      |
| Perfluorooctanoic acid (PFOA)                       | 15400                                        | 200             | "     | 4000        | 18900          | NR   | 25-150                                           | Low Bias | 3.57  | 35    |      |
| Perfluorooctanesulfonic acid (PFOS)                 | 4450                                         | 186             | "     | 3720        | 1680           | 74.6 | 25-150                                           |          | 3.60  | 35    |      |
| Perfluorononanoic acid (PFNA)                       | 3880                                         | 200             | "     | 4000        | ND             | 97.0 | 25-150                                           |          | 5.59  | 35    |      |
| Perfluorodecanoic acid (PFDA)                       | 4270                                         | 200             | "     | 4000        | ND             | 107  | 25-150                                           |          | 17.1  | 35    |      |
| Perfluoroundecanoic acid (PFUnA)                    | 3790                                         | 200             | "     | 4000        | ND             | 94.8 | 25-150                                           |          | 5.56  | 35    |      |
| Perfluorododecanoic acid (PFDoA)                    | 3570                                         | 200             | "     | 4000        | ND             | 89.2 | 25-150                                           |          | 5.83  | 35    |      |
| Perfluorotridecanoic acid (PFTriDA)                 | 4310                                         | 200             | "     | 4000        | ND             | 108  | 25-150                                           |          | 9.65  | 35    |      |
| Perfluorotetradecanoic acid (PFTA)                  | 4070                                         | 200             | "     | 4000        | ND             | 102  | 25-150                                           |          | 16.1  | 35    |      |
| N-MeFOSAA                                           | 3690                                         | 200             | "     | 4000        | ND             | 92.3 | 25-150                                           |          | 1.68  | 35    |      |
| N-EtFOSAA                                           | 3860                                         | 200             | "     | 4000        | ND             | 96.4 | 25-150                                           |          | 9.44  | 35    |      |
| Perfluoropentanoic acid (PFPeA)                     | 7860                                         | 400             | "     | 8000        | 409            | 93.1 | 25-150                                           |          | 1.67  | 35    |      |
| Perfluoro-1-octanesulfonamide (FOSA)                | 3350                                         | 200             | "     | 4000        | ND             | 83.7 | 25-150                                           |          | 1.42  | 35    |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | 4050                                         | 191             | "     | 3820        | 152            | 102  | 25-150                                           |          | 11.7  | 35    |      |
| Perfluoro-1-decanesulfonic acid (PFDS)              | 3490                                         | 193             | "     | 3860        | ND             | 90.5 | 25-150                                           |          | 3.37  | 35    |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | 15000                                        | 760             | "     | 15200       | ND             | 98.6 | 25-150                                           |          | 4.41  | 35    |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 14300                                        | 768             | "     | 15400       | ND             | 92.9 | 25-150                                           |          | 0.336 | 35    |      |
| Perfluoro-n-butanoic acid (PFBA)                    | 12900                                        | 800             | "     | 16000       | 158            | 79.9 | 25-150                                           |          | 5.27  | 35    |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | 6960                                         | 356             | "     | 7120        | ND             | 97.8 | 25-150                                           |          | 4.52  | 30    |      |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)            | 9780                                         | 400             | "     | 8000        | ND             | 122  | 25-150                                           |          | 0.521 | 30    |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | 1350                                         | 400             | "     | 8000        | ND             | 16.8 | 25-150                                           | Low Bias | 0.811 | 30    |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | 9660                                         | 400             | "     | 8000        | ND             | 121  | 25-150                                           |          | 1.92  | 30    |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                | 4110                                         | 188             | "     | 3760        | 564            | 94.4 | 25-150                                           |          | 10.0  | 30    |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | 14400                                        | 750             | "     | 15000       | ND             | 96.3 | 25-150                                           |          | 1.21  | 30    |      |
| HFPO-DA (Gen-X)                                     | 8470                                         | 800             | "     | 8000        | ND             | 106  | 25-150                                           |          | 8.26  | 30    |      |
| 11CL-PF3OUdS                                        | 6880                                         | 756             | "     | 7560        | ND             | 91.0 | 25-150                                           |          | 7.55  | 30    |      |
| 9CL-PF3ONS                                          | 7650                                         | 748             | "     | 7480        | ND             | 102  | 25-150                                           |          | 6.76  | 30    |      |
| ADONA                                               | 7960                                         | 756             | "     | 7560        | ND             | 105  | 25-150                                           |          | 9.46  | 30    |      |
| Perfluorododecanesulfonic acid (PFDoS)              | 2940                                         | 194             | "     | 3880        | ND             | 75.7 | 25-150                                           |          | 13.9  | 30    |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | 3250                                         | 192             | "     | 3840        | ND             | 84.6 | 25-150                                           |          | 9.46  | 30    |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | 11700                                        | 500             | "     | 16000       | ND             | 73.1 | 25-150                                           |          | 5.04  | 30    |      |
| 3-Perfluoropentyl propanoic acid (FPePA)            | 94600                                        | 2500            | "     | 80000       | ND             | 118  | 25-150                                           |          | 4.61  | 30    |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | 101000                                       | 2500            | "     | 80000       | ND             | 126  | 25-150                                           |          | 3.69  | 30    |      |
| N-MeFOSE                                            | 38300                                        | 2000            | "     | 40000       | ND             | 95.8 | 25-150                                           |          | 4.71  | 30    |      |
| N-MeFOSA                                            | 4380                                         | 200             | "     | 4000        | ND             | 109  | 25-150                                           |          | 13.3  | 30    |      |
| N-EtFOSE                                            | 41300                                        | 2000            | "     | 40000       | ND             | 103  | 25-150                                           |          | 12.6  | 30    |      |
| N-EtFOSA                                            | 3850                                         | 200             | "     | 4000        | ND             | 96.3 | 25-150                                           |          | 16.3  | 30    |      |
| Surrogate: M3PFBS                                   | 3060                                         |                 | "     | 2330        |                | 131  | 25-150                                           |          |       |       |      |
| Surrogate: M5PFHxA                                  | 2850                                         |                 | "     | 2500        |                | 114  | 25-150                                           |          |       |       |      |
| Surrogate: M4PFHpA                                  | 3220                                         |                 | "     | 2500        |                | 129  | 25-150                                           |          |       |       |      |
| Surrogate: M3PFHxS                                  | 3000                                         |                 | "     | 2370        |                | 127  | 25-150                                           |          |       |       |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 3030                                         |                 | "     | 2500        |                | 121  | 25-150                                           |          |       |       |      |
| Surrogate: M6PFDA                                   | 1300                                         |                 | "     | 1250        |                | 104  | 25-150                                           |          |       |       |      |
| Surrogate: M7PFUdA                                  | 1320                                         |                 | "     | 1250        |                | 106  | 25-150                                           |          |       |       |      |





## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

#### Batch BD51463 - EPA 1633 Prep

|                                                           |                                       |  |      |       |  |      |                                           |  |  |  |  |
|-----------------------------------------------------------|---------------------------------------|--|------|-------|--|------|-------------------------------------------|--|--|--|--|
| <b>Matrix Spike Dup (BD51463-MSD2)</b>                    | *Source sample: 25D1028-08RE1 (MW-63) |  |      |       |  |      | Prepared: 04/20/2025 Analyzed: 04/21/2025 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 1040                                  |  | ng/L | 1250  |  | 83.1 | 25-150                                    |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 879                                   |  | "    | 1250  |  | 70.3 | 10-150                                    |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 447                                   |  | "    | 10000 |  | 4.47 | 25-150                                    |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 3030                                  |  | "    | 2400  |  | 127  | 25-150                                    |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 4240                                  |  | "    | 5000  |  | 84.8 | 25-150                                    |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 3500                                  |  | "    | 2500  |  | 140  | 10-150                                    |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 5980                                  |  | "    | 5000  |  | 120  | 25-150                                    |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 6070                                  |  | "    | 5000  |  | 121  | 25-150                                    |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 6320                                  |  | "    | 4760  |  | 133  | 25-200                                    |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 6370                                  |  | "    | 4800  |  | 133  | 25-200                                    |  |  |  |  |
| Surrogate: M9PFNA                                         | 1360                                  |  | "    | 1250  |  | 109  | 25-150                                    |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 6230                                  |  | "    | 4690  |  | 133  | 25-150                                    |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 2310                                  |  | "    | 2500  |  | 92.3 | 25-150                                    |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 2140                                  |  | "    | 2500  |  | 85.6 | 25-150                                    |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 11400                                 |  | "    | 10000 |  | 114  | 25-150                                    |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 32600                                 |  | "    | 25000 |  | 131  | 25-150                                    |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 33500                                 |  | "    | 25000 |  | 134  | 25-150                                    |  |  |  |  |

#### Batch BD51580 - EPA 1633 Prep

|                                                    |                                           |      |      |  |  |  |  |  |  |  |  |
|----------------------------------------------------|-------------------------------------------|------|------|--|--|--|--|--|--|--|--|
| <b>Blank (BD51580-BLK1)</b>                        | Prepared: 04/22/2025 Analyzed: 04/23/2025 |      |      |  |  |  |  |  |  |  |  |
| Perfluorobutanesulfonic acid (PFBS)                | ND                                        | 1.77 | ng/L |  |  |  |  |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | ND                                        | 1.83 | "    |  |  |  |  |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | ND                                        | 1.86 | "    |  |  |  |  |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluorotridecanoic acid (PFTrDA)                 | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| N-MeFOSAA                                          | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| N-EtFOSAA                                          | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | ND                                        | 4.00 | "    |  |  |  |  |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | ND                                        | 2.00 | "    |  |  |  |  |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | ND                                        | 1.91 | "    |  |  |  |  |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | ND                                        | 1.93 | "    |  |  |  |  |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND                                        | 7.60 | "    |  |  |  |  |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND                                        | 7.68 | "    |  |  |  |  |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | ND                                        | 8.00 | "    |  |  |  |  |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND                                        | 3.56 | "    |  |  |  |  |  |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND                                        | 4.00 | "    |  |  |  |  |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | ND                                        | 4.00 | "    |  |  |  |  |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51580 - EPA 1633 Prep

##### Blank (BD51580-BLK1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND   | 4.00 | ng/L |      |  |      |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | ND   | 1.88 | "    |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND   | 7.50 | "    |      |  |      |        |  |  |  |  |
| HFPO-DA (Gen-X)                                           | ND   | 8.00 | "    |      |  |      |        |  |  |  |  |
| 11CL-PF3OUdS                                              | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| 9CL-PF3ONS                                                | ND   | 7.48 | "    |      |  |      |        |  |  |  |  |
| ADONA                                                     | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | ND   | 1.94 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | ND   | 1.92 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | ND   | 5.00 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| Surrogate: M3PFBS                                         | 32.1 |      | "    | 23.3 |  | 138  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 31.6 |      | "    | 25.0 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 32.3 |      | "    | 25.0 |  | 129  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 34.0 |      | "    | 23.7 |  | 144  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 34.1 |      | "    | 25.0 |  | 136  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 14.4 |      | "    | 12.5 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                        | 13.0 |      | "    | 12.5 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.4 |      | "    | 12.5 |  | 90.9 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.91 |      | "    | 12.5 |  | 79.3 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 24.5 |      | "    | 100  |  | 24.5 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 29.5 |      | "    | 24.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 56.8 |      | "    | 50.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.9 |      | "    | 25.0 |  | 144  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 71.9 |      | "    | 50.0 |  | 144  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 75.3 |      | "    | 50.0 |  | 151  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 72.8 |      | "    | 47.6 |  | 153  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 90.3 |      | "    | 48.0 |  | 188  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.6 |      | "    | 12.5 |  | 125  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 66.7 |      | "    | 46.9 |  | 142  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 18.5 |      | "    | 25.0 |  | 74.2 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 15.7 |      | "    | 25.0 |  | 62.8 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 121  |      | "    | 100  |  | 121  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 250  |      | "    | 250  |  | 99.8 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 256  |      | "    | 250  |  | 102  | 25-150 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51580 - EPA 1633 Prep

##### LCS (BD51580-BS1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                     |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                 | 28.6 | 1.77 | ng/L | 35.4 |  | 80.7 | 50-150 |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                      | 32.3 | 2.00 | "    | 40.0 |  | 80.7 | 50-150 |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                     | 31.8 | 2.00 | "    | 40.0 |  | 79.4 | 50-150 |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)                | 31.4 | 1.83 | "    | 36.6 |  | 85.7 | 50-150 |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                       | 31.9 | 2.00 | "    | 40.0 |  | 79.8 | 50-150 |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                 | 29.1 | 1.86 | "    | 37.2 |  | 78.3 | 50-150 |  |  |  |  |
| Perfluorononanoic acid (PFNA)                       | 30.2 | 2.00 | "    | 40.0 |  | 75.6 | 50-150 |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                       | 33.2 | 2.00 | "    | 40.0 |  | 83.1 | 50-150 |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                    | 36.6 | 2.00 | "    | 40.0 |  | 91.5 | 50-150 |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                    | 32.0 | 2.00 | "    | 40.0 |  | 79.9 | 50-150 |  |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                 | 33.2 | 2.00 | "    | 40.0 |  | 83.1 | 50-150 |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                  | 30.7 | 2.00 | "    | 40.0 |  | 76.7 | 50-150 |  |  |  |  |
| N-MeFOSAA                                           | 32.1 | 2.00 | "    | 40.0 |  | 80.3 | 50-150 |  |  |  |  |
| N-EtFOSAA                                           | 33.6 | 2.00 | "    | 40.0 |  | 84.0 | 50-150 |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                     | 65.0 | 4.00 | "    | 80.0 |  | 81.2 | 50-150 |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)                | 29.0 | 2.00 | "    | 40.0 |  | 72.4 | 50-150 |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | 31.6 | 1.91 | "    | 38.2 |  | 82.7 | 50-150 |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)              | 29.0 | 1.93 | "    | 38.6 |  | 75.0 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | 133  | 7.60 | "    | 152  |  | 87.7 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 133  | 7.68 | "    | 154  |  | 86.9 | 50-150 |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                    | 136  | 8.00 | "    | 160  |  | 85.3 | 50-150 |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | 56.9 | 3.56 | "    | 71.2 |  | 79.9 | 50-150 |  |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)            | 70.1 | 4.00 | "    | 80.0 |  | 87.6 | 50-150 |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | 38.7 | 4.00 | "    | 80.0 |  | 48.4 | 50-150 |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | 70.9 | 4.00 | "    | 80.0 |  | 88.6 | 50-150 |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                | 30.7 | 1.88 | "    | 37.6 |  | 81.6 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | 122  | 7.50 | "    | 150  |  | 81.4 | 50-150 |  |  |  |  |
| HFPO-DA (Gen-X)                                     | 78.8 | 8.00 | "    | 80.0 |  | 98.6 | 50-150 |  |  |  |  |
| 11CL-PF3OUdS                                        | 59.2 | 7.56 | "    | 75.6 |  | 78.3 | 50-150 |  |  |  |  |
| 9CL-PF3ONS                                          | 66.6 | 7.48 | "    | 74.8 |  | 89.0 | 50-150 |  |  |  |  |
| ADONA                                               | 71.7 | 7.56 | "    | 75.6 |  | 94.9 | 50-150 |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)              | 23.3 | 1.94 | "    | 38.8 |  | 60.1 | 50-150 |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | 26.5 | 1.92 | "    | 38.4 |  | 69.1 | 50-150 |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | 124  | 5.00 | "    | 160  |  | 77.7 | 50-150 |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)            | 714  | 25.0 | "    | 800  |  | 89.2 | 50-150 |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | 763  | 25.0 | "    | 800  |  | 95.4 | 50-150 |  |  |  |  |
| N-MeFOSE                                            | 334  | 20.0 | "    | 400  |  | 83.4 | 50-150 |  |  |  |  |
| N-MeFOSA                                            | 36.8 | 2.00 | "    | 40.0 |  | 92.0 | 50-150 |  |  |  |  |
| N-EtFOSE                                            | 355  | 20.0 | "    | 400  |  | 88.7 | 50-150 |  |  |  |  |
| N-EtFOSA                                            | 30.8 | 2.00 | "    | 40.0 |  | 77.0 | 50-150 |  |  |  |  |
| Surrogate: M3PFBS                                   | 28.4 |      | "    | 23.3 |  | 122  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                  | 32.0 |      | "    | 25.0 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                  | 33.2 |      | "    | 25.0 |  | 133  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                  | 29.2 |      | "    | 23.7 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 31.2 |      | "    | 25.0 |  | 125  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                   | 14.7 |      | "    | 12.5 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                  | 12.8 |      | "    | 12.5 |  | 102  | 25-150 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51580 - EPA 1633 Prep

##### LCS (BD51580-BS1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.1 |  | ng/L | 12.5 |  | 96.7 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.4 |  | "    | 12.5 |  | 83.3 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 34.8 |  | "    | 100  |  | 34.8 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.6 |  | "    | 24.0 |  | 141  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 58.4 |  | "    | 50.0 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.0 |  | "    | 25.0 |  | 140  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 69.3 |  | "    | 50.0 |  | 139  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 70.5 |  | "    | 50.0 |  | 141  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 66.4 |  | "    | 47.6 |  | 140  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 79.8 |  | "    | 48.0 |  | 166  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.5 |  | "    | 12.5 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 62.0 |  | "    | 46.9 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 15.0 |  | "    | 25.0 |  | 60.0 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 13.3 |  | "    | 25.0 |  | 53.3 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 113  |  | "    | 100  |  | 113  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 219  |  | "    | 250  |  | 87.5 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 236  |  | "    | 250  |  | 94.3 | 25-150 |  |  |  |  |

##### LCS (BD51580-BS2)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                    |      |      |      |      |  |      |        |          |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 2.97 | 1.77 | ng/L | 3.54 |  | 84.0 | 50-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 3.05 | 2.00 | "    | 4.00 |  | 76.3 | 50-150 |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 3.15 | 2.00 | "    | 4.00 |  | 78.8 | 50-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 2.46 | 1.83 | "    | 3.66 |  | 67.3 | 50-150 |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 2.87 | 2.00 | "    | 4.00 |  | 71.8 | 50-150 |          |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 2.25 | 1.86 | "    | 3.72 |  | 60.6 | 50-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 3.28 | 2.00 | "    | 4.00 |  | 81.9 | 50-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 3.42 | 2.00 | "    | 4.00 |  | 85.4 | 50-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 3.91 | 2.00 | "    | 4.00 |  | 97.7 | 50-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 3.07 | 2.00 | "    | 4.00 |  | 76.7 | 50-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                | 3.16 | 2.00 | "    | 4.00 |  | 79.0 | 50-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 3.17 | 2.00 | "    | 4.00 |  | 79.2 | 50-150 |          |  |  |  |
| N-MeFOSAA                                          | 3.38 | 2.00 | "    | 4.00 |  | 84.4 | 50-150 |          |  |  |  |
| N-EtFOSAA                                          | 2.31 | 2.00 | "    | 4.00 |  | 57.7 | 50-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 6.43 | 4.00 | "    | 8.00 |  | 80.3 | 50-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 2.83 | 2.00 | "    | 4.00 |  | 70.8 | 50-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 2.78 | 1.91 | "    | 3.82 |  | 72.8 | 50-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 2.65 | 1.93 | "    | 3.86 |  | 68.6 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 10.8 | 7.60 | "    | 15.2 |  | 71.4 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 11.3 | 7.68 | "    | 15.4 |  | 73.3 | 50-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 12.1 | 8.00 | "    | 16.0 |  | 75.5 | 50-150 |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | 4.81 | 3.56 | "    | 7.12 |  | 67.6 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 5.30 | 4.00 | "    | 8.00 |  | 66.3 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 3.17 | 4.00 | "    | 8.00 |  | 39.6 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 6.52 | 4.00 | "    | 8.00 |  | 81.5 | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 2.91 | 1.88 | "    | 3.76 |  | 77.5 | 50-150 |          |  |  |  |



# PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

### Batch BD51580 - EPA 1633 Prep

#### LCS (BD51580-BS2)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |      |      |      |  |      |        |          |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 11.6 | 7.50 | ng/L | 15.0 |  | 77.2 | 50-150 |          |  |  |  |
| HFPO-DA (Gen-X)                                           | 5.23 | 8.00 | "    | 8.00 |  | 65.4 | 50-150 |          |  |  |  |
| 11CL-PF3OUdS                                              | 4.73 | 7.56 | "    | 7.56 |  | 62.6 | 50-150 |          |  |  |  |
| 9CL-PF3ONS                                                | 4.57 | 7.48 | "    | 7.48 |  | 61.0 | 50-150 |          |  |  |  |
| ADONA                                                     | 5.55 | 7.56 | "    | 7.56 |  | 73.5 | 50-150 |          |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | 1.31 | 1.94 | "    | 3.88 |  | 33.8 | 50-150 | Low Bias |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 2.89 | 1.92 | "    | 3.84 |  | 75.2 | 50-150 |          |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | 12.1 | 5.00 | "    | 16.0 |  | 75.5 | 50-150 |          |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 66.1 | 25.0 | "    | 80.0 |  | 82.6 | 50-150 |          |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 69.2 | 25.0 | "    | 80.0 |  | 86.5 | 50-150 |          |  |  |  |
| N-MeFOSE                                                  | 30.9 | 20.0 | "    | 40.0 |  | 77.2 | 50-150 |          |  |  |  |
| N-MeFOSA                                                  | 3.08 | 2.00 | "    | 4.00 |  | 77.1 | 50-150 |          |  |  |  |
| N-EtFOSE                                                  | 28.1 | 20.0 | "    | 40.0 |  | 70.3 | 50-150 |          |  |  |  |
| N-EtFOSA                                                  | 2.13 | 2.00 | "    | 4.00 |  | 53.2 | 50-150 |          |  |  |  |
| Surrogate: M3PFBS                                         | 28.8 |      | "    | 23.3 |  | 124  | 25-150 |          |  |  |  |
| Surrogate: M5PFHxA                                        | 31.5 |      | "    | 25.0 |  | 126  | 25-150 |          |  |  |  |
| Surrogate: M4PFHpA                                        | 32.5 |      | "    | 25.0 |  | 130  | 25-150 |          |  |  |  |
| Surrogate: M3PFHxS                                        | 30.3 |      | "    | 23.7 |  | 128  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 30.9 |      | "    | 25.0 |  | 124  | 25-150 |          |  |  |  |
| Surrogate: M6PFDA                                         | 12.9 |      | "    | 12.5 |  | 104  | 25-150 |          |  |  |  |
| Surrogate: M7PFUdA                                        | 12.2 |      | "    | 12.5 |  | 97.9 | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.1 |      | "    | 12.5 |  | 96.8 | 25-150 |          |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.1 |      | "    | 12.5 |  | 80.8 | 10-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 21.6 |      | "    | 100  |  | 21.6 | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 31.6 |      | "    | 24.0 |  | 132  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 57.3 |      | "    | 50.0 |  | 115  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 30.9 |      | "    | 25.0 |  | 124  | 10-150 |          |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 57.0 |      | "    | 50.0 |  | 114  | 25-150 |          |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 61.5 |      | "    | 50.0 |  | 123  | 25-150 |          |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 62.5 |      | "    | 47.6 |  | 131  | 25-200 |          |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 59.8 |      | "    | 48.0 |  | 125  | 25-200 |          |  |  |  |
| Surrogate: M9PFNA                                         | 15.3 |      | "    | 12.5 |  | 123  | 25-150 |          |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 62.2 |      | "    | 46.9 |  | 133  | 25-150 |          |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 14.3 |      | "    | 25.0 |  | 57.2 | 25-150 |          |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 11.1 |      | "    | 25.0 |  | 44.4 | 25-150 |          |  |  |  |
| Surrogate: M3HFPO-DA                                      | 124  |      | "    | 100  |  | 124  | 25-150 |          |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 200  |      | "    | 250  |  | 80.1 | 25-150 |          |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 211  |      | "    | 250  |  | 84.4 | 25-150 |          |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51788 - EPA 1633 Prep

##### Blank (BD51788-BLK1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                                     |      |      |      |      |  |     |        |  |  |  |  |
|-----------------------------------------------------|------|------|------|------|--|-----|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                 | ND   | 1.77 | ng/L |      |  |     |        |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                     | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)                | ND   | 1.83 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                       | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                 | ND   | 1.86 | "    |      |  |     |        |  |  |  |  |
| Perfluorononanoic acid (PFNA)                       | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                       | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                    | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                    | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                 | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                  | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSAA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSAA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                     | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)                | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | ND   | 1.91 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)              | ND   | 1.93 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | ND   | 7.60 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | ND   | 7.68 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                    | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | ND   | 3.56 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)            | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                | ND   | 1.88 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | ND   | 7.50 | "    |      |  |     |        |  |  |  |  |
| HFPO-DA (Gen-X)                                     | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| 11CL-PF3OUdS                                        | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| 9CL-PF3ONS                                          | ND   | 7.48 | "    |      |  |     |        |  |  |  |  |
| ADONA                                               | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)              | ND   | 1.94 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | ND   | 1.92 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | ND   | 5.00 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)            | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSE                                            | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSA                                            | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSE                                            | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSA                                            | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Surrogate: M3PFBS                                   | 29.5 |      | "    | 23.3 |  | 127 | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                  | 30.8 |      | "    | 25.0 |  | 123 | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                  | 32.3 |      | "    | 25.0 |  | 129 | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                  | 31.0 |      | "    | 23.7 |  | 131 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 32.2 |      | "    | 25.0 |  | 129 | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                   | 14.5 |      | "    | 12.5 |  | 116 | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                  | 13.2 |      | "    | 12.5 |  | 105 | 25-150 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                                   | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|-----------------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD51788 - EPA 1633 Prep</b>                      |        |                 |       |             |                |                                           |             |          |     |           |      |
| <b>Blank (BD51788-BLK1)</b>                               |        |                 |       |             |                | Prepared: 04/24/2025 Analyzed: 04/25/2025 |             |          |     |           |      |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.8   |                 | ng/L  | 12.5        |                | 94.8                                      | 25-150      |          |     |           |      |
| Surrogate: M2PFTeDA                                       | 9.00   |                 | "     | 12.5        |                | 72.0                                      | 10-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 5.65   |                 | "     | 100         |                | 5.65                                      | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 32.1   |                 | "     | 24.0        |                | 134                                       | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 41.3   |                 | "     | 50.0        |                | 82.6                                      | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 33.9   |                 | "     | 25.0        |                | 136                                       | 10-150      |          |     |           |      |
| Surrogate: d3-N-MeFOSAA                                   | 61.7   |                 | "     | 50.0        |                | 123                                       | 25-150      |          |     |           |      |
| Surrogate: d5-N-EtFOSAA                                   | 64.6   |                 | "     | 50.0        |                | 129                                       | 25-150      |          |     |           |      |
| Surrogate: M2-6:2 FTS                                     | 65.0   |                 | "     | 47.6        |                | 137                                       | 25-200      |          |     |           |      |
| Surrogate: M2-8:2 FTS                                     | 59.1   |                 | "     | 48.0        |                | 123                                       | 25-200      |          |     |           |      |
| Surrogate: M9PFNA                                         | 16.2   |                 | "     | 12.5        |                | 130                                       | 25-150      |          |     |           |      |
| Surrogate: M2-4:2 FTS                                     | 63.1   |                 | "     | 46.9        |                | 135                                       | 25-150      |          |     |           |      |
| Surrogate: d-N-MeFOSA                                     | 24.4   |                 | "     | 25.0        |                | 97.5                                      | 25-150      |          |     |           |      |
| Surrogate: d-N-EtFOSA                                     | 20.9   |                 | "     | 25.0        |                | 83.4                                      | 25-150      |          |     |           |      |
| Surrogate: M3HFPO-DA                                      | 120    |                 | "     | 100         |                | 120                                       | 25-150      |          |     |           |      |
| Surrogate: d9-N-EtFOSE                                    | 181    |                 | "     | 250         |                | 72.4                                      | 25-150      |          |     |           |      |
| Surrogate: d7-N-MeFOSE                                    | 203    |                 | "     | 250         |                | 81.1                                      | 25-150      |          |     |           |      |
| <b>LCS (BD51788-BS1)</b>                                  |        |                 |       |             |                | Prepared: 04/24/2025 Analyzed: 04/25/2025 |             |          |     |           |      |
| Perfluorobutanesulfonic acid (PFBS)                       | 33.8   | 1.77            | ng/L  | 35.4        |                | 95.5                                      | 50-150      |          |     |           |      |
| Perfluorohexanoic acid (PFHxA)                            | 36.7   | 2.00            | "     | 40.0        |                | 91.8                                      | 50-150      |          |     |           |      |
| Perfluoroheptanoic acid (PFHpA)                           | 35.4   | 2.00            | "     | 40.0        |                | 88.5                                      | 50-150      |          |     |           |      |
| Perfluorohexanesulfonic acid (PFHxS)                      | 36.1   | 1.83            | "     | 36.6        |                | 98.7                                      | 50-150      |          |     |           |      |
| Perfluorooctanoic acid (PFOA)                             | 36.4   | 2.00            | "     | 40.0        |                | 91.0                                      | 50-150      |          |     |           |      |
| Perfluorooctanesulfonic acid (PFOS)                       | 34.4   | 1.86            | "     | 37.2        |                | 92.6                                      | 50-150      |          |     |           |      |
| Perfluorononanoic acid (PFNA)                             | 37.8   | 2.00            | "     | 40.0        |                | 94.4                                      | 50-150      |          |     |           |      |
| Perfluorodecanoic acid (PFDA)                             | 38.7   | 2.00            | "     | 40.0        |                | 96.8                                      | 50-150      |          |     |           |      |
| Perfluoroundecanoic acid (PFUnA)                          | 41.5   | 2.00            | "     | 40.0        |                | 104                                       | 50-150      |          |     |           |      |
| Perfluorododecanoic acid (PFDoA)                          | 41.3   | 2.00            | "     | 40.0        |                | 103                                       | 50-150      |          |     |           |      |
| Perfluorotridecanoic acid (PFTriDA)                       | 42.6   | 2.00            | "     | 40.0        |                | 107                                       | 50-150      |          |     |           |      |
| Perfluorotetradecanoic acid (PFTA)                        | 33.3   | 2.00            | "     | 40.0        |                | 83.1                                      | 50-150      |          |     |           |      |
| N-MeFOSAA                                                 | 37.4   | 2.00            | "     | 40.0        |                | 93.5                                      | 50-150      |          |     |           |      |
| N-EtFOSAA                                                 | 38.0   | 2.00            | "     | 40.0        |                | 95.1                                      | 50-150      |          |     |           |      |
| Perfluoropentanoic acid (PFPeA)                           | 74.8   | 4.00            | "     | 80.0        |                | 93.6                                      | 50-150      |          |     |           |      |
| Perfluoro-1-octanesulfonamide (FOSA)                      | 35.5   | 2.00            | "     | 40.0        |                | 88.7                                      | 50-150      |          |     |           |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)                  | 37.4   | 1.91            | "     | 38.2        |                | 97.9                                      | 50-150      |          |     |           |      |
| Perfluoro-1-decanesulfonic acid (PFDS)                    | 32.1   | 1.93            | "     | 38.6        |                | 83.1                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)        | 145    | 7.60            | "     | 152         |                | 95.6                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)        | 147    | 7.68            | "     | 154         |                | 95.8                                      | 50-150      |          |     |           |      |
| Perfluoro-n-butanoic acid (PFBA)                          | 127    | 8.00            | "     | 160         |                | 79.1                                      | 50-150      |          |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)          | 65.5   | 3.56            | "     | 71.2        |                | 92.0                                      | 50-150      |          |     |           |      |
| Perfluoro-3,6-dioxahheptanoic acid (NFDHA)                | 67.4   | 4.00            | "     | 80.0        |                | 84.2                                      | 50-150      |          |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | 13.1   | 4.00            | "     | 80.0        |                | 16.4                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | 108    | 4.00            | "     | 80.0        |                | 135                                       | 50-150      |          |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | 36.2   | 1.88            | "     | 37.6        |                | 96.1                                      | 50-150      |          |     |           |      |





# PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

### Batch BD51788 - EPA 1633 Prep

#### LCS (BD51788-BS1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 143  | 7.50 | ng/L | 150  |  | 95.0 | 50-150 |  |  |  |  |
| HFPO-DA (Gen-X)                                           | 91.8 | 8.00 | "    | 80.0 |  | 115  | 50-150 |  |  |  |  |
| 11CL-PF3OUdS                                              | 65.7 | 7.56 | "    | 75.6 |  | 86.9 | 50-150 |  |  |  |  |
| 9CL-PF3ONS                                                | 75.3 | 7.48 | "    | 74.8 |  | 101  | 50-150 |  |  |  |  |
| ADONA                                                     | 80.9 | 7.56 | "    | 75.6 |  | 107  | 50-150 |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | 24.2 | 1.94 | "    | 38.8 |  | 62.3 | 50-150 |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 33.4 | 1.92 | "    | 38.4 |  | 86.9 | 50-150 |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | 93.5 | 5.00 | "    | 160  |  | 58.5 | 50-150 |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 773  | 25.0 | "    | 800  |  | 96.6 | 50-150 |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 792  | 25.0 | "    | 800  |  | 99.0 | 50-150 |  |  |  |  |
| N-MeFOSE                                                  | 396  | 20.0 | "    | 400  |  | 98.9 | 50-150 |  |  |  |  |
| N-MeFOSA                                                  | 41.2 | 2.00 | "    | 40.0 |  | 103  | 50-150 |  |  |  |  |
| N-EtFOSE                                                  | 415  | 20.0 | "    | 400  |  | 104  | 50-150 |  |  |  |  |
| N-EtFOSA                                                  | 40.2 | 2.00 | "    | 40.0 |  | 101  | 50-150 |  |  |  |  |
| Surrogate: M3PFBS                                         | 30.7 |      | "    | 23.3 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 33.4 |      | "    | 25.0 |  | 134  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 33.1 |      | "    | 25.0 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 31.0 |      | "    | 23.7 |  | 131  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 34.5 |      | "    | 25.0 |  | 138  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 15.7 |      | "    | 12.5 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                        | 13.6 |      | "    | 12.5 |  | 109  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.0 |      | "    | 12.5 |  | 96.3 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.2 |      | "    | 12.5 |  | 81.8 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 4.93 |      | "    | 100  |  | 4.93 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.9 |      | "    | 24.0 |  | 142  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 39.5 |      | "    | 50.0 |  | 79.0 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.2 |      | "    | 25.0 |  | 141  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 61.8 |      | "    | 50.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 61.8 |      | "    | 50.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 72.0 |      | "    | 47.6 |  | 151  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 66.9 |      | "    | 48.0 |  | 139  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.8 |      | "    | 12.5 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 68.2 |      | "    | 46.9 |  | 145  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 25.1 |      | "    | 25.0 |  | 100  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 21.5 |      | "    | 25.0 |  | 86.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 120  |      | "    | 100  |  | 120  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 193  |      | "    | 250  |  | 77.3 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 220  |      | "    | 250  |  | 87.9 | 25-150 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                             | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|-----------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD51788 - EPA 1633 Prep</b>                |        |                 |       |             |                |                                           |             |          |     |           |      |
| <b>LCS (BD51788-BS2)</b>                            |        |                 |       |             |                | Prepared: 04/24/2025 Analyzed: 04/25/2025 |             |          |     |           |      |
| Perfluorobutanesulfonic acid (PFBS)                 | 3.28   | 1.77            | ng/L  | 3.54        |                | 92.7                                      | 50-150      |          |     |           |      |
| Perfluorohexanoic acid (PFHxA)                      | 3.43   | 2.00            | "     | 4.00        |                | 85.7                                      | 50-150      |          |     |           |      |
| Perfluoroheptanoic acid (PFHpA)                     | 3.67   | 2.00            | "     | 4.00        |                | 91.8                                      | 50-150      |          |     |           |      |
| Perfluorohexanesulfonic acid (PFHxS)                | 3.06   | 1.83            | "     | 3.66        |                | 83.5                                      | 50-150      |          |     |           |      |
| Perfluorooctanoic acid (PFOA)                       | 3.42   | 2.00            | "     | 4.00        |                | 85.6                                      | 50-150      |          |     |           |      |
| Perfluorooctanesulfonic acid (PFOS)                 | 3.04   | 1.86            | "     | 3.72        |                | 81.6                                      | 50-150      |          |     |           |      |
| Perfluorononanoic acid (PFNA)                       | 3.38   | 2.00            | "     | 4.00        |                | 84.6                                      | 50-150      |          |     |           |      |
| Perfluorodecanoic acid (PFDA)                       | 3.52   | 2.00            | "     | 4.00        |                | 88.1                                      | 50-150      |          |     |           |      |
| Perfluoroundecanoic acid (PFUnA)                    | 4.72   | 2.00            | "     | 4.00        |                | 118                                       | 50-150      |          |     |           |      |
| Perfluorododecanoic acid (PFDoA)                    | 3.48   | 2.00            | "     | 4.00        |                | 87.0                                      | 50-150      |          |     |           |      |
| Perfluorotridecanoic acid (PFTriDA)                 | 4.80   | 2.00            | "     | 4.00        |                | 120                                       | 50-150      |          |     |           |      |
| Perfluorotetradecanoic acid (PFTA)                  | 3.49   | 2.00            | "     | 4.00        |                | 87.2                                      | 50-150      |          |     |           |      |
| N-MeFOSAA                                           | 3.60   | 2.00            | "     | 4.00        |                | 90.1                                      | 50-150      |          |     |           |      |
| N-EtFOSAA                                           | 3.28   | 2.00            | "     | 4.00        |                | 82.1                                      | 50-150      |          |     |           |      |
| Perfluoropentanoic acid (PFPeA)                     | 7.40   | 4.00            | "     | 8.00        |                | 92.5                                      | 50-150      |          |     |           |      |
| Perfluoro-1-octanesulfonamide (FOSA)                | 3.01   | 2.00            | "     | 4.00        |                | 75.3                                      | 50-150      |          |     |           |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | 3.61   | 1.91            | "     | 3.82        |                | 94.4                                      | 50-150      |          |     |           |      |
| Perfluoro-1-decanesulfonic acid (PFDS)              | 3.24   | 1.93            | "     | 3.86        |                | 83.9                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | 12.4   | 7.60            | "     | 15.2        |                | 81.6                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 12.7   | 7.68            | "     | 15.4        |                | 82.4                                      | 50-150      |          |     |           |      |
| Perfluoro-n-butanoic acid (PFBA)                    | 11.9   | 8.00            | "     | 16.0        |                | 74.3                                      | 50-150      |          |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | 5.72   | 3.56            | "     | 7.12        |                | 80.3                                      | 50-150      |          |     |           |      |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)           | 5.76   | 4.00            | "     | 8.00        |                | 72.0                                      | 50-150      |          |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | 1.11   | 4.00            | "     | 8.00        |                | 13.8                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | 9.85   | 4.00            | "     | 8.00        |                | 123                                       | 50-150      |          |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                | 3.32   | 1.88            | "     | 3.76        |                | 88.3                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | 13.9   | 7.50            | "     | 15.0        |                | 92.7                                      | 50-150      |          |     |           |      |
| HFPO-DA (Gen-X)                                     | 5.18   | 8.00            | "     | 8.00        |                | 64.8                                      | 50-150      |          |     |           |      |
| 11CL-PF3OUdS                                        | 5.51   | 7.56            | "     | 7.56        |                | 72.9                                      | 50-150      |          |     |           |      |
| 9CL-PF3ONS                                          | 5.63   | 7.48            | "     | 7.48        |                | 75.2                                      | 50-150      |          |     |           |      |
| ADONA                                               | 6.43   | 7.56            | "     | 7.56        |                | 85.0                                      | 50-150      |          |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)              | 1.98   | 1.94            | "     | 3.88        |                | 51.1                                      | 50-150      |          |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | 3.46   | 1.92            | "     | 3.84        |                | 90.2                                      | 50-150      |          |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | 6.17   | 5.00            | "     | 16.0        |                | 38.6                                      | 50-150      | Low Bias |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)            | 72.2   | 25.0            | "     | 80.0        |                | 90.3                                      | 50-150      |          |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | 59.8   | 25.0            | "     | 80.0        |                | 74.8                                      | 50-150      |          |     |           |      |
| N-MeFOSE                                            | 35.5   | 20.0            | "     | 40.0        |                | 88.7                                      | 50-150      |          |     |           |      |
| N-MeFOSA                                            | 3.01   | 2.00            | "     | 4.00        |                | 75.1                                      | 50-150      |          |     |           |      |
| N-EtFOSE                                            | 34.7   | 20.0            | "     | 40.0        |                | 86.7                                      | 50-150      |          |     |           |      |
| N-EtFOSA                                            | 4.38   | 2.00            | "     | 4.00        |                | 110                                       | 50-150      |          |     |           |      |
| Surrogate: M3PFBS                                   | 30.5   |                 | "     | 23.3        |                | 131                                       | 25-150      |          |     |           |      |
| Surrogate: M5PFHxA                                  | 32.1   |                 | "     | 25.0        |                | 128                                       | 25-150      |          |     |           |      |
| Surrogate: M4PFHpA                                  | 33.7   |                 | "     | 25.0        |                | 135                                       | 25-150      |          |     |           |      |
| Surrogate: M3PFHxS                                  | 32.8   |                 | "     | 23.7        |                | 138                                       | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 33.5   |                 | "     | 25.0        |                | 134                                       | 25-150      |          |     |           |      |
| Surrogate: M6PFDA                                   | 15.5   |                 | "     | 12.5        |                | 124                                       | 25-150      |          |     |           |      |
| Surrogate: M7PFUdA                                  | 14.6   |                 | "     | 12.5        |                | 117                                       | 25-150      |          |     |           |      |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

Batch BD51788 - EPA 1633 Prep

LCS (BD51788-BS2)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                                                                     |      |  |      |      |  |      |        |  |  |  |  |
|-------------------------------------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]dodecanoic acid (MPFDoA) | 13.6 |  | ng/L | 12.5 |  | 109  | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                                                 | 9.78 |  | "    | 12.5 |  | 78.2 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[ <sup>13</sup> C <sub>4</sub> ]butanoic acid (MPFBA)        | 4.23 |  | "    | 100  |  | 4.23 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[ <sup>13</sup> C <sub>8</sub> ]octanesulfonic acid (M8PFOS) | 32.6 |  | "    | 24.0 |  | 136  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[ <sup>13</sup> C <sub>5</sub> ]pentanoic acid (M5PFPeA)     | 36.8 |  | "    | 50.0 |  | 73.7 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[ <sup>13</sup> C <sub>8</sub> ]octanesulfonamide (M8FOSA)   | 34.6 |  | "    | 25.0 |  | 138  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                                             | 62.0 |  | "    | 50.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                                             | 64.1 |  | "    | 50.0 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                                               | 71.8 |  | "    | 47.6 |  | 151  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                                               | 64.7 |  | "    | 48.0 |  | 135  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                                                   | 16.4 |  | "    | 12.5 |  | 131  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                                               | 65.1 |  | "    | 46.9 |  | 139  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                                               | 27.9 |  | "    | 25.0 |  | 112  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                                               | 21.5 |  | "    | 25.0 |  | 85.9 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                                                | 127  |  | "    | 100  |  | 127  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                                              | 190  |  | "    | 250  |  | 76.2 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                                              | 219  |  | "    | 250  |  | 87.5 | 25-150 |  |  |  |  |



## Gas Chromatography/Flame Ionization Detector - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51446 - Preparation for GC Analysis

##### Blank (BD51446-BLK1)

Prepared & Analyzed: 04/19/2025

|                           |    |      |      |  |  |  |        |  |  |  |  |
|---------------------------|----|------|------|--|--|--|--------|--|--|--|--|
| Ethylene Glycol           | ND | 10.0 | mg/L |  |  |  |        |  |  |  |  |
| Propylene Glycol          | ND | 10.0 | "    |  |  |  |        |  |  |  |  |
| Surrogate: 1,4-Butanediol | ND |      | "    |  |  |  | 30-130 |  |  |  |  |



### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 25D1028-01 | DPW-2            | 500 mL Plastic PFAS Free                      |
| 25D1028-02 | FMW-25           | 500 mL Plastic PFAS Free                      |
| 25D1028-05 | MW-43            | 500 mL Plastic PFAS Free                      |
| 25D1028-07 | FMW-8            | 500 mL Plastic PFAS Free                      |
| 25D1028-10 | Field Blank      | 500 mL Plastic PFAS Free                      |
| 25D1028-11 | Trip Blank       | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |



## Sample and Data Qualifiers Relating to This Work Order

|          |                                                                                                                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QL-02    | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| PFSu-L   | The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                        |
| PFSu-H   | The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                        |
| PF-LCS-L | The LCS recovery for this PFAS compound was below control limits.                                                                                                                                  |
| PF-CCV-L | The CCV recovery for this PFAS compound was below control limits.                                                                                                                                  |
| J        | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.                            |
| CCVE     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |

## Definitions and Other Explanations

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *           | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.                                                                                                                                                                                                                                                                                                                               |
| ND          | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)                                                                                                                                                                                                                                                                                                                                                      |
| RL          | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.                                                                                                                                                                                                                                                                                                                                 |
| LOQ         | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.                                                                     |
| LOD         | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.                                                                                                                                                                       |
| MDL         | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.                                                                                                                |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.                                                                                                 |
| NR          | Not reported                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RPD         | Relative Percent Difference                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Wet         | The data has been reported on an as-received (wet weight) basis                                                                                                                                                                                                                                                                                                                                                                              |
| Low Bias    | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.           |
| High Bias   | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.         |
| Non-Dir.    | Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons. |

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Report Date: 04/25/2025  
Client Project ID: Westchester County Airport  
York Project (SDG) No.: 25D1027

**WSP USA, Inc. (White Plains, NY)**  
500 Summit Lake Drive, Suite 450  
Valhalla NY, 10595  
Attention: John Benvegna

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 15, 2025 and listed below. The project was identified as your project: **Westchester County Airport**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

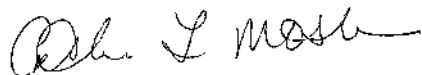
Please contact Client Services at 203.325.1371 with any questions regarding this report.

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 25D1027-01            | MW-60                   | Ground Water  | 04/15/2025            | 04/15/2025           |
| 25D1027-02            | XDDMW-10                | Ground Water  | 04/15/2025            | 04/15/2025           |
| 25D1027-03            | XDDMW-11                | Ground Water  | 04/15/2025            | 04/15/2025           |
| 25D1027-04            | MW-16                   | Ground Water  | 04/15/2025            | 04/15/2025           |
| 25D1027-05            | MW-51                   | Ground Water  | 04/15/2025            | 04/15/2025           |
| 25D1027-06            | FMW-15                  | Ground Water  | 04/15/2025            | 04/15/2025           |
| 25D1027-07            | FMW-16                  | Ground Water  | 04/15/2025            | 04/15/2025           |
| 25D1027-08            | Field Blank             | Water         | 04/15/2025            | 04/15/2025           |
| 25D1027-09            | Trip Blank              | Water         | 04/15/2025            | 04/15/2025           |

## **General Notes for York Project (SDG) No.: 25D1027**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 04/25/2025





## Sample Information

**Client Sample ID:** MW-60

**York Sample ID:** 25D1027-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1027

Westchester County Airport

Ground Water

April 15, 2025 9:40 am

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 62.2   |      | ng/L  | 4.71                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 102    |      | ng/L  | 3.51                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 49.2   |      | ng/L  | 7.11                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 345    |      | ng/L  | 6.81                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 93.5   |      | ng/L  | 4.21                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 220    |      | ng/L  | 8.22                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 2350   |      | ng/L  | 5.21                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | 11.6   | J    | ng/L  | 7.52                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | 33.1   |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 8.82                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 7.41                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 6.91                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 7.92                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 124    |      | ng/L  | 2.30                   | 40.1 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 8.82                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 9.12                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 75.2                   | 76.2 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 20.5                   | 77.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 3.31                   | 80.2 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 5.01                   | 35.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |



## Sample Information

**Client Sample ID:** MW-60

**York Sample ID:** 25D1027-01

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 15, 2025 9:40 am

**Date Received**

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                           | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-----------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6                 | Perfluoro-3,6-dioxaheptanoic acid (NFDHA)           | ND            |                         | ng/L  | 21.4                   | 40.1 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 377-73-1                    | Perfluoro-4-oxapentanoic acid (PFMPA)               | ND            |                         | ng/L  | 2.51                   | 40.1 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 863090-89-5                 | Perfluoro-5-oxaheptanoic acid (PFMBA)               | ND            |                         | ng/L  | 3.71                   | 40.1 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 2706-91-4                   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>         | <b>58.8</b>   |                         | ng/L  | 7.62                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 757124-72-4                 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | ND            |                         | ng/L  | 17.9                   | 75.2 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 13252-13-6                  | HFPO-DA (Gen-X)                                     | ND            |                         | ng/L  | 32.4                   | 80.2 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 763051-92-9                 | 11CL-PF3OUdS                                        | ND            |                         | ng/L  | 13.8                   | 75.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 756426-58-1                 | 9CL-PF3ONS                                          | ND            |                         | ng/L  | 7.01                   | 74.9 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 919005-14-4                 | ADONA                                               | ND            |                         | ng/L  | 5.31                   | 75.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid (PFDoS)            | ND            |                         | ng/L  | 9.32                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid (PFNS)            | ND            |                         | ng/L  | 8.62                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid (FPrPA)          | ND            |                         | ng/L  | 20.3                   | 50.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid (FPePA)          | ND            |                         | ng/L  | 73.4                   | 251  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid (FHpPA)          | ND            |                         | ng/L  | 94.9                   | 251  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 24448-09-7                  | * N-MeFOSE                                          | ND            |                         | ng/L  | 40.0                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 31506-32-8                  | * N-MeFOSA                                          | ND            |                         | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 1691-99-2                   | * N-EtFOSE                                          | ND            |                         | ng/L  | 40.0                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| 4151-50-2                   | * N-EtFOSA                                          | ND            |                         | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 05:46      | AM      |
| <b>Surrogate Recoveries</b> |                                                     | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                   | 127 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                  | 138 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                  | 143 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                  | 130 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 139 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                   | 128 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                  | 134 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-60

**York Sample ID:** 25D1027-01

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 15, 2025 9:40 am

**Date Received**

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                 | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|-----------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 960315-52-0  | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 109 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                       | 98.6 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 4.33 % | PFSu-L |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 133 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 81.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 154 %  | PFSu-H |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                   | 132 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                   | 140 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                     | 127 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                     | 127 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                         | 131 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                     | 129 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                     | 120 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                     | 130 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                      | 141 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAI | Surrogate: d9-N-EtFOSE                                    | 142 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA  | Surrogate: d7-N-MeFOSE                                    | 145 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** XDDMW-10

**York Sample ID:** 25D1027-02

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 15, 2025 11:40 am

**Date Received**

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------------------------|--------|------|-------|------------------------|-------|----------|---------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane     | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |





## Sample Information

**Client Sample ID:** XDDMW-10

**York Sample ID:** 25D1027-02

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 15, 2025 11:40 am

**Date Received**

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>1.94</b> |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 00:22      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND          |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 00:22      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 123-91-1 | 1,4-Dioxane                                          | ND          | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 78-93-3  | 2-Butanone                                           | ND          |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |





## Sample Information

**Client Sample ID:** XDDMW-10

**York Sample ID:** 25D1027-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 11:40 am

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                       | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------------|-------------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                      | ND          |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 106-43-4   | 4-Chlorotoluene                 | ND          |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone            | ND          |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 67-64-1    | Acetone                         | ND          |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 107-02-8   | Acrolein                        | ND          |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 107-13-1   | Acrylonitrile                   | ND          |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 71-43-2    | Benzene                         | ND          |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 108-86-1   | Bromobenzene                    | ND          |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 74-97-5    | Bromochloromethane              | ND          |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 75-27-4    | Bromodichloromethane            | ND          |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 75-25-2    | Bromoform                       | ND          |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 75-15-0    | Carbon disulfide                | ND          |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 67-66-3    | Chloroform                      | ND          |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>3.33</b> |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 110-82-7   | Cyclohexane                     | ND          |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |



## Sample Information

**Client Sample ID:** XDDMW-10

**York Sample ID:** 25D1027-02

York Project (SDG) No.

25D1027

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 15, 2025 11:40 am

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE           | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |                | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |                | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 00:22      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 00:22      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 00:22      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/22/2025 00:22      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:22      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:22      | AC      |



## Sample Information

**Client Sample ID:** XDDMW-10

**York Sample ID:** 25D1027-02

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 15, 2025 11:40 am

Date Received  
04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                  | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|--------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 994-05-8                    | tert-Amyl methyl ether (TAME)              | ND            |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                   | ND            |                         | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 98-06-6                     | tert-Butylbenzene                          | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 127-18-4                    | <b>Tetrachloroethylene</b>                 | <b>8.73</b>   |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 109-99-9                    | * Tetrahydrofuran                          | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                     | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 108-88-3                    | Toluene                                    | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                 | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene                | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene                | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 79-01-6                     | Trichloroethylene                          | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 75-69-4                     | Trichlorofluoromethane                     | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 108-05-4                    | Vinyl acetate                              | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 75-01-4                     | Vinyl Chloride                             | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| 1330-20-7                   | Xylenes, Total                             | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:22      | AC      |
| <b>Surrogate Recoveries</b> |                                            | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 96.6 %        | 69-130                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8               | 103 %         | 81-117                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4                    | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 109 %         | 79-122                  |       |                        |       |          |                                                                                  |                       |                       |         |

## Sample Information

**Client Sample ID:** XDDMW-11

**York Sample ID:** 25D1027-03

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 15, 2025 11:00 am

Date Received  
04/15/2025

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

### Log-in Notes:

### Sample Notes:



## Sample Information

**Client Sample ID:** XDDMW-11

**York Sample ID:** 25D1027-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 11:00 am

04/15/2025

Sample Prepared by Method: EPA 3535A

| CAS No.              | Parameter                 | Result | Flag             | Units | Reported to<br>LOQ | Dilution | Reference Method                                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------------------|-------|--------------------|----------|------------------------------------------------------------|-----------------------|-----------------------|---------|
| 123-91-1             | 1,4-Dioxane               | 4.67   | A-01             | ug/L  | 0.300              | 1        | EPA 8270E SIM<br>Certifications: NJDEP-CT005,NELAC-NY10854 | 04/22/2025 08:33      | 04/23/2025 13:00      | SS      |
| Surrogate Recoveries |                           | Result | Acceptance Range |       |                    |          |                                                            |                       |                       |         |
| 17647-74-4           | Surrogate: 1,4-Dioxane-d8 | 80.0 % | 36.6-118         |       |                    |          |                                                            |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                                  | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)        | 15.1   |      | ng/L  | 0.433                  | 1.63 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)             | 45.0   |      | ng/L  | 0.323                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)            | 27.3   |      | ng/L  | 0.654                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS)       | 127    |      | ng/L  | 0.627                  | 1.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)              | 25.9   |      | ng/L  | 0.387                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)        | 16.4   |      | ng/L  | 0.756                  | 1.71 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)              | 11.6   |      | ng/L  | 0.479                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)              | ND     |      | ng/L  | 0.691                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)           | ND     |      | ng/L  | 1.04                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)           | ND     |      | ng/L  | 0.811                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)         | ND     |      | ng/L  | 0.682                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA)       | ND     |      | ng/L  | 0.636                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 2355-31-9  | N-MeFOSAA                                  | ND     |      | ng/L  | 0.728                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 2991-50-6  | N-EtFOSAA                                  | ND     |      | ng/L  | 0.949                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 2706-90-3  | Perfluoropentanoic acid (PFPeA)            | 59.5   |      | ng/L  | 0.212                  | 3.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 754-91-6   | * Perfluoro-1-octanesulfonamide (FOSA)     | ND     |      | ng/L  | 0.811                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 375-92-8   | * Perfluoro-1-heptanesulfonic acid (PFHpS) | 2.85   |      | ng/L  | 0.839                  | 1.76 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 335-77-3   | * Perfluoro-1-decanesulfonic acid (PFDS)   | ND     |      | ng/L  | 1.22                   | 1.78 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |



## Sample Information

**Client Sample ID:** XDDMW-11

**York Sample ID:** 25D1027-03

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 15, 2025 11:00 am

**Date Received**

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                          | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 27619-97-2                  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND            |                         | ng/L  | 6.91                   | 7.00 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 39108-34-4                  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND            |                         | ng/L  | 1.89                   | 7.08 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 375-22-4                    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>24.1</b>   |                         | ng/L  | 0.304                  | 7.37 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 113507-82-7                 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND            |                         | ng/L  | 0.461                  | 3.28 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 151772-58-6                 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND            |                         | ng/L  | 1.97                   | 3.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 377-73-1                    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND            |                         | ng/L  | 0.230                  | 3.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 863090-89-5                 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND            |                         | ng/L  | 0.341                  | 3.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 2706-91-4                   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>16.3</b>   |                         | ng/L  | 0.700                  | 1.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 757124-72-4                 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND            |                         | ng/L  | 1.65                   | 6.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 13252-13-6                  | HFPO-DA (Gen-X)                                    | ND            |                         | ng/L  | 2.98                   | 7.37 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 763051-92-9                 | 11CL-PF3OUdS                                       | ND            |                         | ng/L  | 1.27                   | 6.97 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 756426-58-1                 | 9CL-PF3ONS                                         | ND            |                         | ng/L  | 0.645                  | 6.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 919005-14-4                 | ADONA                                              | ND            |                         | ng/L  | 0.488                  | 6.97 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid (PFDoS)           | ND            |                         | ng/L  | 0.857                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND            |                         | ng/L  | 0.792                  | 1.77 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND            |                         | ng/L  | 1.87                   | 4.61 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND            |                         | ng/L  | 6.75                   | 23.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND            |                         | ng/L  | 8.73                   | 23.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 24448-09-7                  | * N-MeFOSE                                         | ND            |                         | ng/L  | 3.68                   | 18.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 31506-32-8                  | * N-MeFOSA                                         | ND            |                         | ng/L  | 1.46                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 1691-99-2                   | * N-EtFOSE                                         | ND            |                         | ng/L  | 3.68                   | 18.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| 4151-50-2                   | * N-EtFOSA                                         | ND            |                         | ng/L  | 1.66                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:02      | AM      |
| <b>Surrogate Recoveries</b> |                                                    | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                  | 110 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** XDDMW-11

**York Sample ID:** 25D1027-03

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 15, 2025 11:00 am

**Date Received**

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                                        | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|------------------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C5PFHXA   | Surrogate: M5PFHxA                                               | 135 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C4PFHPA   | Surrogate: M4PFHPA                                               | 123 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C3PFHXS   | Surrogate: M3PFHXS                                               | 119 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOA    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 128 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C6PFDA    | Surrogate: M6PFDA                                                | 110 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C7PFUNA   | Surrogate: M7PFUdA                                               | 111 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 960315-52-0 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 91.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA  | Surrogate: M2PFTeDA                                              | 84.6 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 38.6 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 133 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 137 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)      | 147 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA | Surrogate: d3-N-MeFOSAA                                          | 126 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA                                          | 131 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS                                            | 159 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS                                            | 125 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA                                                | 136 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS                                            | 183 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA                                            | 104 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA                                            | 104 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA                                             | 128 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE                                           | 134 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE                                           | 138 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |

### Glycols, Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.  | Parameter                   | Result        | Flag | Units                   | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|---------------|------|-------------------------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1 | * Ethylene Glycol           | ND            |      | mg/L                    | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 16:32      | GXB     |
| 57-55-6  | * Propylene Glycol          | ND            |      | mg/L                    | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 16:32      | GXB     |
|          | <b>Surrogate Recoveries</b> | <b>Result</b> |      | <b>Acceptance Range</b> |                    |          |                           |                       |                       |         |
| 110-63-4 | Surrogate: 1,4-Butanediol   |               |      | 30-130                  |                    |          |                           |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-16

**York Sample ID:** 25D1027-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1027

Westchester County Airport

Ground Water

April 15, 2025 12:20 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 1.97   |      | ng/L  | 0.495                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 3.90   |      | ng/L  | 0.369                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 3.78   |      | ng/L  | 0.748                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 1.98   |      | ng/L  | 0.717                  | 1.93 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 4.20   |      | ng/L  | 0.443                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 14.8   |      | ng/L  | 0.864                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 2.34   |      | ng/L  | 0.548                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.790                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.19                   | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.927                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.780                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.727                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.832                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.09                   | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 4.76   |      | ng/L  | 0.242                  | 4.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.927                  | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.959                  | 2.01 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.39                   | 2.03 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.90                   | 8.01 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 2.16                   | 8.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 7.72   | J    | ng/L  | 0.348                  | 8.43 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.527                  | 3.75 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |





## Sample Information

**Client Sample ID:** MW-16

**York Sample ID:** 25D1027-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 12:20 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6 | Perfluoro-3,6-dioxaheptanoic acid (NFDHA)          | ND     |      | ng/L  | 2.26                   | 4.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.263                  | 4.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 863090-89-5 | Perfluoro-5-oxaheptanoic acid (PFMBA)              | ND     |      | ng/L  | 0.390                  | 4.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |      | ng/L  | 0.801                  | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 1.89                   | 7.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 3.40                   | 8.43 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |      | ng/L  | 1.45                   | 7.97 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |      | ng/L  | 0.738                  | 7.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 919005-14-4 | ADONA                                              | ND     |      | ng/L  | 0.558                  | 7.97 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     |      | ng/L  | 0.980                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |      | ng/L  | 0.906                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |      | ng/L  | 2.14                   | 5.27 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |      | ng/L  | 7.72                   | 26.3 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |      | ng/L  | 9.98                   | 26.3 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |      | ng/L  | 4.20                   | 21.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |      | ng/L  | 1.66                   | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |      | ng/L  | 4.20                   | 21.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |      | ng/L  | 1.90                   | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/18/2025 12:37      | 04/22/2025 06:18      | AM      |

| Surrogate Recoveries |                                                     | Result | Acceptance Range |
|----------------------|-----------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                   | 113 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                  | 141 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                  | 134 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                  | 119 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 128 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                   | 109 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                  | 94.2 % | 25-150           |



## Sample Information

**Client Sample ID:** MW-16

**York Sample ID:** 25D1027-04

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 15, 2025 12:20 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                 | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|-----------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 960315-52-0  | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 56.3 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                       | 22.7 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 60.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 130 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 142 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 133 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                   | 104 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                   | 96.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                     | 176 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                     | 122 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                         | 121 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                     | 211 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                     | 75.2 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                     | 66.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                      | 123 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAI | Surrogate: d9-N-EtFOSE                                    | 37.3 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA  | Surrogate: d7-N-MeFOSE                                    | 49.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-51

**York Sample ID:** 25D1027-05

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 15, 2025 1:15 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS)  | 6.61   |      | ng/L  | 0.481                  | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)       | 15.0   |      | ng/L  | 0.358                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)      | 7.21   |      | ng/L  | 0.727                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid (PFHxS) | 86.5   |      | ng/L  | 0.696                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |



## Sample Information

**Client Sample ID:** MW-51

**York Sample ID:** 25D1027-05

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 15, 2025 1:15 pm

**Date Received**

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 21.1   |              | ng/L  | 0.430                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 49.1   |              | ng/L  | 0.839                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 3.78   |              | ng/L  | 0.532                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |              | ng/L  | 0.767                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | 1.39   | J            | ng/L  | 1.16                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |              | ng/L  | 0.901                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTriDA)                | ND     |              | ng/L  | 0.757                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |              | ng/L  | 0.706                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |              | ng/L  | 0.808                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |              | ng/L  | 1.05                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 12.5   |              | ng/L  | 0.235                  | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |              | ng/L  | 0.901                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 1.28   | J            | ng/L  | 0.931                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |              | ng/L  | 1.35                   | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |              | ng/L  | 7.67                   | 7.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |              | ng/L  | 2.10                   | 7.86 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 8.76   |              | ng/L  | 0.338                  | 8.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND     |              | ng/L  | 0.512                  | 3.64 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |              | ng/L  | 2.19                   | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     | PF-LCS<br>-L | ng/L  | 0.256                  | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |              | ng/L  | 0.379                  | 4.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 4.40   |              | ng/L  | 0.778                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |              | ng/L  | 1.83                   | 7.67 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |



## Sample Information

**Client Sample ID:** MW-51

**York Sample ID:** 25D1027-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 1:15 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                     | Result | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------|--------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 13252-13-6  | HFPO-DA (Gen-X)                               | ND     |              | ng/L  | 3.31                   | 8.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                  | ND     |              | ng/L  | 1.41                   | 7.74 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                    | ND     |              | ng/L  | 0.716                  | 7.65 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 919005-14-4 | ADONA                                         | ND     |              | ng/L  | 0.542                  | 7.74 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)   | ND     | PF-LCS<br>-L | ng/L  | 0.952                  | 1.99 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)   | ND     |              | ng/L  | 0.880                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA) | ND     |              | ng/L  | 2.08                   | 5.12 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA) | ND     |              | ng/L  | 7.50                   | 25.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA) | ND     |              | ng/L  | 9.69                   | 25.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 24448-09-7  | * N-MeFOSE                                    | ND     |              | ng/L  | 4.08                   | 20.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 31506-32-8  | * N-MeFOSA                                    | ND     |              | ng/L  | 1.62                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 1691-99-2   | * N-EtFOSE                                    | ND     |              | ng/L  | 4.08                   | 20.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |
| 4151-50-2   | * N-EtFOSA                                    | ND     |              | ng/L  | 1.84                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/20/2025 12:25      | 04/21/2025 14:10      | AM      |

| Surrogate Recoveries |                                                                  | Result | Acceptance Range |
|----------------------|------------------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                                | 129 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                               | 129 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                               | 127 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                               | 132 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 141 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                                | 119 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                               | 96.4 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 72.2 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                              | 37.5 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 60.8 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 135 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 131 %  | 25-150           |



## Sample Information

**Client Sample ID:** MW-51

**York Sample ID:** 25D1027-05

York Project (SDG) No.

25D1027

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 15, 2025 1:15 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                               | Result | Flag | Units  | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|---------------------------------------------------------|--------|------|--------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C8FOSA    | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 141 %  |      |        | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA | Surrogate: d3-N-MeFOSAA                                 | 112 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA                                 | 109 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS                                   | 164 %  |      |        | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS                                   | 133 %  |      |        | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA                                       | 115 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS                                   | 184 %  |      | PFSu-H | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA                                   | 76.1 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA                                   | 57.8 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA                                    | 127 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE                                  | 67.3 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE                                  | 79.8 % |      |        | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

York Project (SDG) No.

25D1027

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 15, 2025 2:00 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|---------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005            | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |



## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 2:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/22/2025 00:46      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 78-93-3  | 2-Butanone                   | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 591-78-6 | 2-Hexanone                   | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 106-43-4 | 4-Chlorotoluene              | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone         | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 67-64-1  | Acetone                      | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 107-02-8 | Acrolein                     | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |



## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 15, 2025 2:00 pm

Date Received  
04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|-------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 107-13-1   | Acrylonitrile                 | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 71-43-2    | Benzene                       | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 108-86-1   | Bromobenzene                  | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 74-97-5    | Bromochloromethane            | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 75-27-4    | Bromodichloromethane          | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 75-25-2    | Bromoform                     | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 74-83-9    | Bromomethane                  | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 75-15-0    | Carbon disulfide              | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 56-23-5    | Carbon tetrachloride          | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 108-90-7   | Chlorobenzene                 | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 75-00-3    | Chloroethane                  | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 67-66-3    | Chloroform                    | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 74-87-3    | Chloromethane                 | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene      | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene     | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 110-82-7   | Cyclohexane                   | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 124-48-1   | Dibromochloromethane          | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 74-95-3    | Dibromomethane                | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 75-71-8    | Dichlorodifluoromethane       | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)      | ND     |      | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |
| 100-41-4   | Ethyl Benzene                 | ND     |      | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/22/2025 00:46      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE) | ND     |      | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/22/2025 00:46      | AC      |
| 87-68-3    | Hexachlorobutadiene           | ND     |      | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/22/2025 00:46      | AC      |





## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 2:00 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 98-06-6     | tert-Butylbenzene              | ND     |                | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 127-18-4    | Tetrachloroethylene            | ND     |                | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND     |                | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |



## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 15, 2025 2:00 pm

Date Received  
04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                  | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|--------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-88-3                    | Toluene                                    | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                 | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene                | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene                | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 79-01-6                     | Trichloroethylene                          | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 75-69-4                     | Trichlorofluoromethane                     | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 108-05-4                    | Vinyl acetate                              | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 75-01-4                     | Vinyl Chloride                             | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| 1330-20-7                   | Xylenes, Total                             | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/22/2025 00:46      | AC      |
| <b>Surrogate Recoveries</b> |                                            | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 97.6 %        | 69-130                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8               | 103 %         | 81-117                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4                    | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 111 %         | 79-122                  |       |                        |       |          |                                                                                  |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.   | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5  | Perfluorobutanesulfonic acid (PFBS)     | 7.61   |      | ng/L  | 0.508                  | 1.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 307-24-4  | Perfluorohexanoic acid (PFHxA)          | 14.5   |      | ng/L  | 0.378                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 375-85-9  | Perfluoroheptanoic acid (PFHpA)         | 9.05   |      | ng/L  | 0.767                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 355-46-4  | Perfluorohexanesulfonic acid<br>(PFHxS) | 49.4   |      | ng/L  | 0.735                  | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 335-67-1  | Perfluorooctanoic acid (PFOA)           | 15.1   |      | ng/L  | 0.454                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 1763-23-1 | Perfluorooctanesulfonic acid (PFOS)     | 211    |      | ng/L  | 0.886                  | 2.01 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 375-95-1  | Perfluorononanoic acid (PFNA)           | 6.51   |      | ng/L  | 0.562                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 335-76-2  | Perfluorodecanoic acid (PFDA)           | ND     |      | ng/L  | 0.811                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |



## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1027

Westchester County Airport

Ground Water

April 15, 2025 2:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND          |              | ng/L  | 1.22                   | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND          |              | ng/L  | 0.951                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND          |              | ng/L  | 0.800                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND          |              | ng/L  | 0.746                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND          |              | ng/L  | 0.854                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND          |              | ng/L  | 1.11                   | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>             | <b>17.1</b> |              | ng/L  | 0.249                  | 4.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND          |              | ng/L  | 0.951                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 375-92-8    | <b>* Perfluoro-1-heptanesulfonic acid (PFHpS)</b>  | <b>1.81</b> | J            | ng/L  | 0.984                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND          |              | ng/L  | 1.43                   | 2.09 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |              | ng/L  | 8.11                   | 8.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |              | ng/L  | 2.22                   | 8.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>10.0</b> |              | ng/L  | 0.357                  | 8.65 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND          |              | ng/L  | 0.540                  | 3.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |              | ng/L  | 2.31                   | 4.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          | PF-LCS<br>-L | ng/L  | 0.270                  | 4.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |              | ng/L  | 0.400                  | 4.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>4.51</b> |              | ng/L  | 0.821                  | 2.03 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |              | ng/L  | 1.93                   | 8.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |              | ng/L  | 3.49                   | 8.65 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |              | ng/L  | 1.49                   | 8.17 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |              | ng/L  | 0.757                  | 8.08 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 919005-14-4 | ADONA                                              | ND          |              | ng/L  | 0.573                  | 8.17 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |



## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 2:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                     | Result | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------|--------|--------------|-------|------------------------|------|----------|-------------------------------------------------|-----------------------|-----------------------|---------|
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)   | ND     | PF-LCS<br>-L | ng/L  | 1.01                   | 2.10 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)   | ND     |              | ng/L  | 0.930                  | 2.08 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA) | ND     |              | ng/L  | 2.19                   | 5.40 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA) | ND     |              | ng/L  | 7.92                   | 27.0 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA) | ND     |              | ng/L  | 10.2                   | 27.0 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 24448-09-7  | * N-MeFOSE                                    | ND     |              | ng/L  | 4.31                   | 21.6 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 31506-32-8  | * N-MeFOSA                                    | ND     |              | ng/L  | 1.71                   | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 1691-99-2   | * N-EtFOSE                                    | ND     |              | ng/L  | 4.31                   | 21.6 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |
| 4151-50-2   | * N-EtFOSA                                    | ND     |              | ng/L  | 1.95                   | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/20/2025 12:25      | 04/21/2025 14:43      | AM      |

| Surrogate Recoveries |                                                                  | Result | Acceptance Range |
|----------------------|------------------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                                | 115 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                               | 119 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                               | 115 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                               | 127 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 131 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                                | 114 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                               | 110 %  | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 87.7 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                              | 63.3 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 42.4 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 149 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 122 %  | 25-150           |
| 13C8FOSA             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)      | 142 %  | 10-150           |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                          | 123 %  | 25-150           |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                          | 142 %  | 25-150           |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                            | 161 %  | 25-200           |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                            | 137 %  | 25-200           |
| 13C9PFNA             | Surrogate: M9PFNA                                                | 116 %  | 25-150           |
| M2-4:2FTS            | Surrogate: M2-4:2 FTS                                            | 195 %  | PFSu-H 25-150    |



## Sample Information

**Client Sample ID:** FMW-15

**York Sample ID:** 25D1027-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 2:00 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 936109-37-4 | Surrogate: d-N-MeFOSA  | 88.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA  | 77.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA   | 109 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE | 114 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE | 119 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-16

**York Sample ID:** 25D1027-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 2:35 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)  | 11.0   |      | ng/L  | 0.461                  | 1.74 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)       | 29.8   |      | ng/L  | 0.343                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)      | 18.8   |      | ng/L  | 0.696                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS) | 118    |      | ng/L  | 0.667                  | 1.80 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)        | 28.3   |      | ng/L  | 0.412                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)  | 113    |      | ng/L  | 0.804                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)        | 119    |      | ng/L  | 0.510                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)        | 6.93   |      | ng/L  | 0.736                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)     | 61.6   |      | ng/L  | 1.11                   | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)     | ND     |      | ng/L  | 0.863                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTriDA)  | ND     |      | ng/L  | 0.726                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA) | ND     |      | ng/L  | 0.677                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 2355-31-9  | N-MeFOSAA                            | ND     |      | ng/L  | 0.775                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |



## Sample Information

**Client Sample ID:** FMW-16

**York Sample ID:** 25D1027-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Ground Water

April 15, 2025 2:35 pm

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                             | Result | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-------------------------------------------------------|--------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2991-50-6   | N-EtFOSAA                                             | ND     |              | ng/L  | 1.01                   | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                       | 30.5   |              | ng/L  | 0.226                  | 3.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide<br>(FOSA)             | ND     |              | ng/L  | 0.863                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid<br>(PFHpS)         | 2.82   |              | ng/L  | 0.893                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid<br>(PFDS)           | ND     |              | ng/L  | 1.29                   | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic<br>acid (6:2 FTS) | ND     |              | ng/L  | 7.36                   | 7.46 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic<br>acid (8:2 FTS) | ND     |              | ng/L  | 2.01                   | 7.53 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                      | 9.52   |              | ng/L  | 0.324                  | 7.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid<br>(PFEEESA)   | ND     |              | ng/L  | 0.490                  | 3.49 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxaheptanoic acid<br>(NFDHA)          | ND     |              | ng/L  | 2.10                   | 3.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)                 | ND     | PF-LCS<br>-L | ng/L  | 0.245                  | 3.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)                  | ND     |              | ng/L  | 0.363                  | 3.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate<br>(PFPeS)               | 12.6   |              | ng/L  | 0.746                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic<br>acid (4:2 FTS) | ND     |              | ng/L  | 1.76                   | 7.36 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                       | ND     |              | ng/L  | 3.17                   | 7.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                          | ND     |              | ng/L  | 1.35                   | 7.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                            | ND     |              | ng/L  | 0.687                  | 7.34 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 919005-14-4 | ADONA                                                 | ND     |              | ng/L  | 0.520                  | 7.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)           | ND     | PF-LCS<br>-L | ng/L  | 0.912                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)           | ND     |              | ng/L  | 0.844                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA)         | ND     |              | ng/L  | 1.99                   | 4.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA)         | ND     |              | ng/L  | 7.19                   | 24.5 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)         | ND     |              | ng/L  | 9.29                   | 24.5 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |



## Sample Information

**Client Sample ID:** FMW-16

**York Sample ID:** 25D1027-07

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Ground Water

Collection Date/Time  
April 15, 2025 2:35 pm

Date Received  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                        | Result        | Flag   | Units                   | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|------------------------------------------------------------------|---------------|--------|-------------------------|------------------------|--------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 24448-09-7                  | * N-MeFOSE                                                       | ND            |        | ng/L                    | 3.91                   | 19.6   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                       | ND            |        | ng/L                    | 1.55                   | 1.96   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                       | ND            |        | ng/L                    | 3.91                   | 19.6   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                       | ND            |        | ng/L                    | 1.77                   | 1.96   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/20/2025 12:25      | 04/21/2025 14:59      | AM      |
| <b>Surrogate Recoveries</b> |                                                                  | <b>Result</b> |        | <b>Acceptance Range</b> |                        |        |          |                                     |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                                | 92.2 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                               | 85.5 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                               | 88.7 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                               | 91.0 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 92.0 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                                | 65.5 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                               | 45.6 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 21.9 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                              | 3.63 %        | PFSu-L |                         |                        | 10-150 |          |                                     |                       |                       |         |
| 13C4PFBA                    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 61.7 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOS                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 72.1 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFPEA                   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 88.1 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8FOSA                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)      | 76.3 %        |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| D3-NMEFOSAA                 | Surrogate: d3-N-MeFOSAA                                          | 46.2 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D5-NETFOSAA                 | Surrogate: d5-N-EtFOSAA                                          | 38.9 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-6:2FTS                   | Surrogate: M2-6:2 FTS                                            | 102 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| M2-8:2FTS                   | Surrogate: M2-8:2 FTS                                            | 71.8 %        |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| 13C9PFNA                    | Surrogate: M9PFNA                                                | 85.1 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-4:2FTS                   | Surrogate: M2-4:2 FTS                                            | 115 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-37-4                 | Surrogate: d-N-MeFOSA                                            | 21.6 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-40-9                 | Surrogate: d-N-EtFOSA                                            | 15.3 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M3HFPO-DA                   | Surrogate: M3HFPO-DA                                             | 81.2 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D9-NETPFOSA                 | Surrogate: d9-N-EtFOSE                                           | 4.76 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D7-NMEPFOSA                 | Surrogate: d7-N-MeFOSE                                           | 4.90 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Water

April 15, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                     | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 123-91-1 | 1,4-Dioxane                                          | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Water

April 15, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 594-20-7   | 2,2-Dichloropropane       | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 78-93-3    | 2-Butanone                | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 95-49-8    | 2-Chlorotoluene           | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 591-78-6   | 2-Hexanone                | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 106-43-4   | 4-Chlorotoluene           | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 108-86-1   | Bromobenzene              | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

York Project (SDG) No.

25D1027

Client Project ID

Westchester County Airport

Matrix

Water

Collection Date/Time

April 15, 2025 3:30 pm

Date Received

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 110-82-7    | Cyclohexane                    | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 124-48-1    | Dibromochloromethane           | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |
| 74-95-3     | Dibromomethane                 | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |      | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |      | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |      | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 21:55      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |      | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:55      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |      | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 21:55      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:55      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/21/2025 21:55      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68- | 04/21/2025 21:55      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:55      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:55      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:55      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

**York Project (SDG) No.**

25D1027

**Client Project ID**

Westchester County Airport

**Matrix**

Water

**Collection Date/Time**

April 15, 2025 3:30 pm

**Date Received**

04/15/2025

### VOA, 8260 LOW MASTER

Sample Prepared by Method: EPA 5030B

### Log-in Notes:

### Sample Notes:

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-85-4                     | tert-Amyl alcohol (TAA)                   | ND            | CCVE,<br>QL-02          | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 994-05-8                    | tert-Amyl methyl ether (TAME)             | ND            |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:55      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                              |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 95.1 %        | 69-130                  |       |                        |       |          |                              |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 105 %         | 81-117                  |       |                        |       |          |                              |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 111 %         | 79-122                  |       |                        |       |          |                              |                       |                       |         |

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Sample Prepared by Method: EPA 3535A

### Log-in Notes:

### Sample Notes:

| CAS No. | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|-----------|--------|------|-------|--------------------|----------|------------------|-----------------------|-----------------------|---------|
|---------|-----------|--------|------|-------|--------------------|----------|------------------|-----------------------|-----------------------|---------|



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Water

Collection Date/Time  
April 15, 2025 3:30 pm

Date Received  
04/15/2025

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3535A

| CAS No.              | Parameter                 | Result | Flag | Units            | Reported to<br>LOQ | Dilution | Reference Method                                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------|------------------|--------------------|----------|------------------------------------------------------------|-----------------------|-----------------------|---------|
| 123-91-1             | 1,4-Dioxane               | ND     |      | ug/L             | 0.300              | 1        | EPA 8270E SIM<br>Certifications: NJDEP-CT005,NELAC-NY10854 | 04/22/2025 08:33      | 04/23/2025 13:15      | SS      |
| Surrogate Recoveries |                           | Result |      | Acceptance Range |                    |          |                                                            |                       |                       |         |
| 17647-74-4           | Surrogate: 1,4-Dioxane-d8 | 60.0 % |      | 36.6-118         |                    |          |                                                            |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                                  | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)        | ND     |      | ng/L  | 0.443                  | 1.67 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)             | ND     |      | ng/L  | 0.330                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)            | ND     |      | ng/L  | 0.670                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS)       | ND     |      | ng/L  | 0.641                  | 1.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)              | ND     |      | ng/L  | 0.396                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)        | ND     |      | ng/L  | 0.773                  | 1.75 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)              | ND     |      | ng/L  | 0.490                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)              | ND     |      | ng/L  | 0.707                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)           | ND     |      | ng/L  | 1.07                   | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)           | ND     |      | ng/L  | 0.830                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTTrDA)        | ND     |      | ng/L  | 0.698                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA)       | ND     |      | ng/L  | 0.651                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 2355-31-9  | N-MeFOSAA                                  | ND     |      | ng/L  | 0.745                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 2991-50-6  | N-EtFOSAA                                  | ND     |      | ng/L  | 0.971                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 2706-90-3  | Perfluoropentanoic acid (PFPeA)            | ND     |      | ng/L  | 0.217                  | 3.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 754-91-6   | * Perfluoro-1-octanesulfonamide (FOSA)     | ND     |      | ng/L  | 0.830                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 375-92-8   | * Perfluoro-1-heptanesulfonic acid (PFHpS) | ND     |      | ng/L  | 0.858                  | 1.80 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

York Project (SDG) No.

25D1027

Client Project ID

Westchester County Airport

Matrix

Water

Collection Date/Time

April 15, 2025 3:30 pm

Date Received

04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.24                   | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.07                   | 7.17 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 1.93                   | 7.24 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 0.311                  | 7.54 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND     |      | ng/L  | 0.472                  | 3.36 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.02                   | 3.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.236                  | 3.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 0.349                  | 3.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |      | ng/L  | 0.717                  | 1.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 1.69                   | 7.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 3.05                   | 7.54 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |      | ng/L  | 1.30                   | 7.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |      | ng/L  | 0.660                  | 7.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 919005-14-4 | ADONA                                              | ND     |      | ng/L  | 0.500                  | 7.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     |      | ng/L  | 0.877                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |      | ng/L  | 0.811                  | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPtPA)         | ND     |      | ng/L  | 1.91                   | 4.72 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |      | ng/L  | 6.91                   | 23.6 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |      | ng/L  | 8.93                   | 23.6 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |      | ng/L  | 3.76                   | 18.9 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |      | ng/L  | 1.49                   | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |      | ng/L  | 3.76                   | 18.9 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |      | ng/L  | 1.70                   | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/20/2025 12:25      | 04/21/2025 16:22      | AM      |

### Surrogate Recoveries

### Result

### Acceptance Range

120 RESEARCH DRIVE

www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@

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## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

**York Project (SDG) No.**  
25D1027

**Client Project ID**  
Westchester County Airport

**Matrix**  
Water

**Collection Date/Time**  
April 15, 2025 3:30 pm

**Date Received**  
04/15/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                                        | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|------------------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| M3PFBS      | Surrogate: M3PFBS                                                | 130 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFHXA   | Surrogate: M5PFHxA                                               | 120 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C4PFHPA   | Surrogate: M4PFHpA                                               | 126 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C3PFHXS   | Surrogate: M3PFHxS                                               | 129 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOA    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)          | 137 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C6PFDA    | Surrogate: M6PFDA                                                | 127 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C7PFUNA   | Surrogate: M7PFUdA                                               | 122 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 960315-52-0 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid<br>(MPFDoA) | 100 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA  | Surrogate: M2PFTeDA                                              | 73.6 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)           | 4.03 % | PFSu-L |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS)    | 135 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)        | 79.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)      | 136 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA | Surrogate: d3-N-MeFOSAA                                          | 122 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA                                          | 121 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS                                            | 142 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS                                            | 129 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA                                                | 133 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS                                            | 142 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA                                            | 103 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9 | Surrogate: d-N-EtFOSA                                            | 89.7 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA   | Surrogate: M3HFPO-DA                                             | 124 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSA | Surrogate: d9-N-EtFOSE                                           | 97.0 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSA | Surrogate: d7-N-MeFOSE                                           | 106 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1027-08

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Water

Collection Date/Time  
April 15, 2025 3:30 pm

Date Received  
04/15/2025

### Glycols, Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.              | Parameter                 | Result | Flag | Units            | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------|------------------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1             | * Ethylene Glycol         | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 16:47      | GXB     |
| 57-55-6              | * Propylene Glycol        | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 16:47      | GXB     |
| Surrogate Recoveries |                           | Result |      | Acceptance Range |                    |          |                           |                       |                       |         |
| 110-63-4             | Surrogate: 1,4-Butanediol |        |      |                  | 30-130             |          |                           |                       |                       |         |

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1027-09

York Project (SDG) No.  
25D1027

Client Project ID  
Westchester County Airport

Matrix  
Water

Collection Date/Time  
April 15, 2025 3:30 pm

Date Received  
04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1027-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Water

April 15, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                   | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 142-28-9 | 1,3-Dichloropropane         | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 123-91-1 | 1,4-Dioxane                 | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 594-20-7 | 2,2-Dichloropropane         | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 95-49-8  | 2-Chlorotoluene             | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 106-43-4 | 4-Chlorotoluene             | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 67-64-1  | Acetone                     | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 107-02-8 | Acrolein                    | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 71-43-2  | Benzene                     | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 108-86-1 | Bromobenzene                | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 74-97-5  | Bromochloromethane          | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1027-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Water

April 15, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                   | Date/Time<br>Analyzed | Analyst |
|------------|-------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------------|-----------------------|---------|
| 75-27-4    | Bromodichloromethane          | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 75-25-2    | Bromoform                     | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 74-83-9    | Bromomethane                  | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 75-15-0    | Carbon disulfide              | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 56-23-5    | Carbon tetrachloride          | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 108-90-7   | Chlorobenzene                 | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 75-00-3    | Chloroethane                  | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 67-66-3    | Chloroform                    | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 74-87-3    | Chloromethane                 | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene      | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene     | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 110-82-7   | Cyclohexane                   | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 124-48-1   | Dibromochloromethane          | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 74-95-3    | Dibromomethane                | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 75-71-8    | Dichlorodifluoromethane       | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)      | ND     |      | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 100-41-4   | Ethyl Benzene                 | ND     |      | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE) | ND     |      | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 21:06      | AC      |
| 87-68-3    | Hexachlorobutadiene           | ND     |      | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 74-88-4    | * Iodomethane                 | ND     |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00                                                        | 04/21/2025 21:06      | AC      |
| 98-82-8    | Isopropylbenzene              | ND     |      | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 21:06      | AC      |
| 79-20-9    | Methyl acetate                | ND     |      | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 21:06      | AC      |
| 80-62-6    | Methyl Methacrylate           | ND     |      | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005             | 04/21/2025 21:06      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1027-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Water

April 15, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 98-06-6     | tert-Butylbenzene              | ND     |                | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 127-18-4    | Tetrachloroethylene            | ND     |                | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND     |                | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 108-88-3    | Toluene                        | ND     |                | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 110-57-6    | trans-1,4-dichloro-2-butene    | ND     |                | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1027-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1027

Westchester County Airport

Water

April 15, 2025 3:30 pm

04/15/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  | 04/21/2025 15:00      | 04/21/2025 21:06      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                  |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 95.7 %        | 69-130                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 105 %         | 81-117                  |       |                        |       |          |                                                                                  |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 112 %         | 79-122                  |       |                        |       |          |                                                                                  |                       |                       |         |



## Analytical Batch Summary

**Batch ID:** BD51393      **Preparation Method:** EPA 1633 Prep      **Prepared By:** JLH

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1027-01     | MW-60            | 04/18/25         |
| 25D1027-03     | XDDMW-11         | 04/18/25         |
| 25D1027-04     | MW-16            | 04/18/25         |
| BD51393-BLK1   | Blank            | 04/18/25         |
| BD51393-BS1    | LCS              | 04/18/25         |
| BD51393-BS2    | LCS              | 04/18/25         |

**Batch ID:** BD51446      **Preparation Method:** Preparation for GC Analysis      **Prepared By:** GXB

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1027-03     | XDDMW-11         | 04/19/25         |
| 25D1027-08     | Field Blank      | 04/19/25         |
| BD51446-BLK1   | Blank            | 04/19/25         |

**Batch ID:** BD51463      **Preparation Method:** EPA 1633 Prep      **Prepared By:** JLH

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1027-05     | MW-51            | 04/20/25         |
| 25D1027-06     | FMW-15           | 04/20/25         |
| 25D1027-07     | FMW-16           | 04/20/25         |
| 25D1027-08     | Field Blank      | 04/20/25         |
| BD51463-BLK1   | Blank            | 04/20/25         |
| BD51463-BS1    | LCS              | 04/20/25         |
| BD51463-BS2    | LCS              | 04/20/25         |

**Batch ID:** BD51552      **Preparation Method:** EPA 3535A      **Prepared By:** YL

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1027-03     | XDDMW-11         | 04/22/25         |
| 25D1027-08     | Field Blank      | 04/22/25         |
| BD51552-BLK1   | Blank            | 04/22/25         |
| BD51552-BS1    | LCS              | 04/22/25         |

**Batch ID:** BD51584      **Preparation Method:** EPA 5030B      **Prepared By:** AC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1027-02     | XDDMW-10         | 04/21/25         |
| 25D1027-06     | FMW-15           | 04/21/25         |
| 25D1027-08     | Field Blank      | 04/21/25         |
| 25D1027-09     | Trip Blank       | 04/21/25         |
| BD51584-BLK1   | Blank            | 04/21/25         |
| BD51584-BS1    | LCS              | 04/21/25         |
| BD51584-BSD1   | LCS Dup          | 04/21/25         |







## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit                    | Flag |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|---------------------------------|------|
| <b>Batch BD51584 - EPA 5030B</b>                  |        |                    |       |                |                   |      |                |      |     |                                 |      |
| <b>Blank (BD51584-BLK1)</b>                       |        |                    |       |                |                   |      |                |      |     | Prepared & Analyzed: 04/21/2025 |      |
| 1,1,1,2-Tetrachloroethane                         | ND     | 0.500              | ug/L  |                |                   |      |                |      |     |                                 |      |
| 1,1,1-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2,2-Tetrachloroethane                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethylene                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloropropylene                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichloropropane                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4,5-Tetramethylbenzene                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromo-3-chloropropane                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromoethane                                 | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3,5-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dioxane                                       | ND     | 80.0               | "     |                |                   |      |                |      |     |                                 |      |
| 2,2-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Butanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Chlorotoluene                                   | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Hexanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 4-Chlorotoluene                                   | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 4-Methyl-2-pentanone                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acetone                                           | ND     | 2.00               | "     |                |                   |      |                |      |     |                                 |      |
| Acrolein                                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acrylonitrile                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Benzene                                           | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromobenzene                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromochloromethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromodichloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromoform                                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromomethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon disulfide                                  | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon tetrachloride                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chlorobenzene                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroform                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloromethane                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,2-Dichloroethylene                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,3-Dichloropropylene                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Cyclohexane                                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromochloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromomethane                                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51584 - EPA 5030B

##### Blank (BD51584-BLK1)

Prepared & Analyzed: 04/21/2025

|                                        |      |       |      |      |  |      |        |  |  |  |  |
|----------------------------------------|------|-------|------|------|--|------|--------|--|--|--|--|
| Dichlorodifluoromethane                | ND   | 0.500 | ug/L |      |  |      |        |  |  |  |  |
| Diisopropyl ether (DIPE)               | ND   | 0.800 | "    |      |  |      |        |  |  |  |  |
| Ethyl Benzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | ND   | 0.800 | "    |      |  |      |        |  |  |  |  |
| Hexachlorobutadiene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Iodomethane                            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Isopropylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl acetate                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl Methacrylate                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylcyclohexane                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylene chloride                     | ND   | 2.00  | "    |      |  |      |        |  |  |  |  |
| Naphthalene                            | ND   | 2.00  | "    |      |  |      |        |  |  |  |  |
| n-Butylbenzene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                        | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| p-Diethylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p-Ethyltoluene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                     | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Styrene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| tert-Amyl alcohol (TAA)                | ND   | 8.00  | "    |      |  |      |        |  |  |  |  |
| tert-Amyl methyl ether (TAME)          | ND   | 0.800 | "    |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)               | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrahydrofuran                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Toluene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,4-dichloro-2-butene            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                 | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl acetate                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                         | ND   | 1.50  | "    |      |  |      |        |  |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.57 |       | "    | 10.0 |  | 95.7 | 69-130 |  |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.4 |       | "    | 10.0 |  | 104  | 81-117 |  |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.8 |       | "    | 10.0 |  | 108  | 79-122 |  |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-----|-----------|------|
| <b>Batch BD51584 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |     |           |      |
| <b>LCS (BD51584-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 04/21/2025 |             |           |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 12.2   |                 | ug/L  | 10.0        |                | 122                             | 82-126      |           |     |           |      |
| 1,1,1-Trichloroethane                             | 12.2   |                 | "     | 10.0        |                | 122                             | 78-136      |           |     |           |      |
| 1,1,2,2-Tetrachloroethane                         | 11.5   |                 | "     | 10.0        |                | 115                             | 76-129      |           |     |           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.3   |                 | "     | 10.0        |                | 133                             | 54-165      |           |     |           |      |
| 1,1,2-Trichloroethane                             | 10.8   |                 | "     | 10.0        |                | 108                             | 82-123      |           |     |           |      |
| 1,1-Dichloroethane                                | 11.9   |                 | "     | 10.0        |                | 119                             | 82-129      |           |     |           |      |
| 1,1-Dichloroethylene                              | 13.8   |                 | "     | 10.0        |                | 138                             | 68-138      |           |     |           |      |
| 1,1-Dichloropropylene                             | 12.6   |                 | "     | 10.0        |                | 126                             | 83-133      |           |     |           |      |
| 1,2,3-Trichlorobenzene                            | 10.5   |                 | "     | 10.0        |                | 105                             | 76-136      |           |     |           |      |
| 1,2,3-Trichloropropane                            | 11.0   |                 | "     | 10.0        |                | 110                             | 77-128      |           |     |           |      |
| 1,2,4,5-Tetramethylbenzene                        | 12.1   |                 | "     | 10.0        |                | 121                             | 85-140      |           |     |           |      |
| 1,2,4-Trichlorobenzene                            | 11.1   |                 | "     | 10.0        |                | 111                             | 76-137      |           |     |           |      |
| 1,2,4-Trimethylbenzene                            | 12.9   |                 | "     | 10.0        |                | 129                             | 82-132      |           |     |           |      |
| 1,2-Dibromo-3-chloropropane                       | 9.71   |                 | "     | 10.0        |                | 97.1                            | 45-147      |           |     |           |      |
| 1,2-Dibromoethane                                 | 11.0   |                 | "     | 10.0        |                | 110                             | 83-124      |           |     |           |      |
| 1,2-Dichlorobenzene                               | 11.7   |                 | "     | 10.0        |                | 117                             | 79-123      |           |     |           |      |
| 1,2-Dichloroethane                                | 11.0   |                 | "     | 10.0        |                | 110                             | 73-132      |           |     |           |      |
| 1,2-Dichloropropane                               | 12.0   |                 | "     | 10.0        |                | 120                             | 78-126      |           |     |           |      |
| 1,3,5-Trimethylbenzene                            | 14.4   |                 | "     | 10.0        |                | 144                             | 80-131      | High Bias |     |           |      |
| 1,3-Dichlorobenzene                               | 12.0   |                 | "     | 10.0        |                | 120                             | 86-122      |           |     |           |      |
| 1,3-Dichloropropane                               | 11.1   |                 | "     | 10.0        |                | 111                             | 81-125      |           |     |           |      |
| 1,4-Dichlorobenzene                               | 11.8   |                 | "     | 10.0        |                | 118                             | 85-124      |           |     |           |      |
| 1,4-Dioxane                                       | 58.3   |                 | "     | 210         |                | 27.8                            | 10-349      |           |     |           |      |
| 2,2-Dichloropropane                               | 11.0   |                 | "     | 10.0        |                | 110                             | 56-150      |           |     |           |      |
| 2-Butanone                                        | 10.7   |                 | "     | 10.0        |                | 107                             | 49-152      |           |     |           |      |
| 2-Chlorotoluene                                   | 12.9   |                 | "     | 10.0        |                | 129                             | 79-130      |           |     |           |      |
| 2-Hexanone                                        | 8.34   |                 | "     | 10.0        |                | 83.4                            | 51-146      |           |     |           |      |
| 4-Chlorotoluene                                   | 13.1   |                 | "     | 10.0        |                | 131                             | 79-128      | High Bias |     |           |      |
| 4-Methyl-2-pentanone                              | 7.88   |                 | "     | 10.0        |                | 78.8                            | 57-145      |           |     |           |      |
| Acetone                                           | 8.51   |                 | "     | 10.0        |                | 85.1                            | 14-150      |           |     |           |      |
| Acrolein                                          | 11.1   |                 | "     | 10.0        |                | 111                             | 10-153      |           |     |           |      |
| Acrylonitrile                                     | 10.8   |                 | "     | 10.0        |                | 108                             | 51-150      |           |     |           |      |
| Benzene                                           | 12.1   |                 | "     | 10.0        |                | 121                             | 85-126      |           |     |           |      |
| Bromobenzene                                      | 12.5   |                 | "     | 10.0        |                | 125                             | 78-129      |           |     |           |      |
| Bromochloromethane                                | 11.1   |                 | "     | 10.0        |                | 111                             | 77-128      |           |     |           |      |
| Bromodichloromethane                              | 12.4   |                 | "     | 10.0        |                | 124                             | 79-128      |           |     |           |      |
| Bromoform                                         | 9.87   |                 | "     | 10.0        |                | 98.7                            | 78-133      |           |     |           |      |
| Bromomethane                                      | 10.9   |                 | "     | 10.0        |                | 109                             | 43-168      |           |     |           |      |
| Carbon disulfide                                  | 13.9   |                 | "     | 10.0        |                | 139                             | 68-146      |           |     |           |      |
| Carbon tetrachloride                              | 13.0   |                 | "     | 10.0        |                | 130                             | 77-141      |           |     |           |      |
| Chlorobenzene                                     | 11.6   |                 | "     | 10.0        |                | 116                             | 88-120      |           |     |           |      |
| Chloroethane                                      | 13.0   |                 | "     | 10.0        |                | 130                             | 65-136      |           |     |           |      |
| Chloroform                                        | 11.2   |                 | "     | 10.0        |                | 112                             | 82-128      |           |     |           |      |
| Chloromethane                                     | 12.9   |                 | "     | 10.0        |                | 129                             | 43-155      |           |     |           |      |
| cis-1,2-Dichloroethylene                          | 11.8   |                 | "     | 10.0        |                | 118                             | 83-129      |           |     |           |      |
| cis-1,3-Dichloropropylene                         | 11.7   |                 | "     | 10.0        |                | 117                             | 80-131      |           |     |           |      |
| Cyclohexane                                       | 12.4   |                 | "     | 10.0        |                | 124                             | 63-149      |           |     |           |      |
| Dibromochloromethane                              | 10.7   |                 | "     | 10.0        |                | 107                             | 80-130      |           |     |           |      |
| Dibromomethane                                    | 10.5   |                 | "     | 10.0        |                | 105                             | 72-134      |           |     |           |      |
| Dichlorodifluoromethane                           | 16.8   |                 | "     | 10.0        |                | 168                             | 44-144      | High Bias |     |           |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51584 - EPA 5030B

##### LCS (BD51584-BS1)

Prepared & Analyzed: 04/21/2025

|                                        |      |  |      |      |  |      |        |           |  |  |  |
|----------------------------------------|------|--|------|------|--|------|--------|-----------|--|--|--|
| Diisopropyl ether (DIPE)               | 11.4 |  | ug/L | 10.0 |  | 114  | 70-130 |           |  |  |  |
| Ethyl Benzene                          | 12.8 |  | "    | 10.0 |  | 128  | 80-131 |           |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | 10.5 |  | "    | 10.0 |  | 105  | 70-130 |           |  |  |  |
| Hexachlorobutadiene                    | 11.5 |  | "    | 10.0 |  | 115  | 67-146 |           |  |  |  |
| Iodomethane                            | 10.6 |  | "    | 10.0 |  | 106  | 70-130 |           |  |  |  |
| Isopropylbenzene                       | 13.5 |  | "    | 10.0 |  | 135  | 76-140 |           |  |  |  |
| Methyl acetate                         | 6.52 |  | "    | 10.0 |  | 65.2 | 51-139 |           |  |  |  |
| Methyl Methacrylate                    | 10.0 |  | "    | 10.0 |  | 100  | 72-132 |           |  |  |  |
| Methyl tert-butyl ether (MTBE)         | 9.98 |  | "    | 10.0 |  | 99.8 | 76-135 |           |  |  |  |
| Methyleyclohexane                      | 12.9 |  | "    | 10.0 |  | 129  | 72-143 |           |  |  |  |
| Methylene chloride                     | 11.6 |  | "    | 10.0 |  | 116  | 55-137 |           |  |  |  |
| Naphthalene                            | 10.6 |  | "    | 10.0 |  | 106  | 70-147 |           |  |  |  |
| n-Butylbenzene                         | 13.4 |  | "    | 10.0 |  | 134  | 79-132 | High Bias |  |  |  |
| n-Propylbenzene                        | 13.5 |  | "    | 10.0 |  | 135  | 78-133 | High Bias |  |  |  |
| o-Xylene                               | 12.1 |  | "    | 10.0 |  | 121  | 78-130 |           |  |  |  |
| p- & m- Xylenes                        | 25.0 |  | "    | 20.0 |  | 125  | 77-133 |           |  |  |  |
| p-Diethylbenzene                       | 13.0 |  | "    | 10.0 |  | 130  | 84-134 |           |  |  |  |
| p-Ethyltoluene                         | 13.5 |  | "    | 10.0 |  | 135  | 88-129 | High Bias |  |  |  |
| p-Isopropyltoluene                     | 13.7 |  | "    | 10.0 |  | 137  | 81-136 | High Bias |  |  |  |
| sec-Butylbenzene                       | 13.4 |  | "    | 10.0 |  | 134  | 79-137 |           |  |  |  |
| Styrene                                | 12.7 |  | "    | 10.0 |  | 127  | 67-132 |           |  |  |  |
| tert-Amyl alcohol (TAA)                | 50.0 |  | "    | 100  |  | 50.0 | 70-130 | Low Bias  |  |  |  |
| tert-Amyl methyl ether (TAME)          | 9.60 |  | "    | 10.0 |  | 96.0 | 70-130 |           |  |  |  |
| tert-Butyl alcohol (TBA)               | 24.9 |  | "    | 50.0 |  | 49.9 | 25-162 |           |  |  |  |
| tert-Butylbenzene                      | 11.8 |  | "    | 10.0 |  | 118  | 77-138 |           |  |  |  |
| Tetrachloroethylene                    | 11.5 |  | "    | 10.0 |  | 115  | 82-131 |           |  |  |  |
| Tetrahydrofuran                        | 9.34 |  | "    | 10.0 |  | 93.4 | 36-166 |           |  |  |  |
| Toluene                                | 12.3 |  | "    | 10.0 |  | 123  | 80-127 |           |  |  |  |
| trans-1,2-Dichloroethylene             | 12.4 |  | "    | 10.0 |  | 124  | 80-132 |           |  |  |  |
| trans-1,3-Dichloropropylene            | 11.4 |  | "    | 10.0 |  | 114  | 78-131 |           |  |  |  |
| trans-1,4-dichloro-2-butene            | 11.0 |  | "    | 10.0 |  | 110  | 63-141 |           |  |  |  |
| Trichloroethylene                      | 12.6 |  | "    | 10.0 |  | 126  | 82-128 |           |  |  |  |
| Trichlorofluoromethane                 | 13.5 |  | "    | 10.0 |  | 135  | 67-139 |           |  |  |  |
| Vinyl acetate                          | 11.2 |  | "    | 10.0 |  | 112  | 21-90  | High Bias |  |  |  |
| Vinyl Chloride                         | 13.6 |  | "    | 10.0 |  | 136  | 58-145 |           |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 8.86 |  | "    | 10.0 |  | 88.6 | 69-130 |           |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.4 |  | "    | 10.0 |  | 104  | 81-117 |           |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.4 |  | "    | 10.0 |  | 104  | 79-122 |           |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD   | Limit | Flag     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-------|-------|----------|
| <b>Batch BD51584 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |       |       |          |
| <b>LCS Dup (BD51584-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/21/2025 |             |           |       |       |          |
| 1,1,1,2-Tetrachloroethane                         | 12.8   |                 | ug/L  | 10.0        |                | 128                             | 82-126      | High Bias | 5.19  | 30    |          |
| 1,1,1-Trichloroethane                             | 12.3   |                 | "     | 10.0        |                | 123                             | 78-136      |           | 0.898 | 30    |          |
| 1,1,2,2-Tetrachloroethane                         | 12.8   |                 | "     | 10.0        |                | 128                             | 76-129      |           | 11.3  | 30    |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.3   |                 | "     | 10.0        |                | 133                             | 54-165      |           | 0.225 | 30    |          |
| 1,1,2-Trichloroethane                             | 12.2   |                 | "     | 10.0        |                | 122                             | 82-123      |           | 12.5  | 30    |          |
| 1,1-Dichloroethane                                | 12.0   |                 | "     | 10.0        |                | 120                             | 82-129      |           | 1.09  | 30    |          |
| 1,1-Dichloroethylene                              | 13.5   |                 | "     | 10.0        |                | 135                             | 68-138      |           | 2.42  | 30    |          |
| 1,1-Dichloropropylene                             | 12.6   |                 | "     | 10.0        |                | 126                             | 83-133      |           | 0.396 | 30    |          |
| 1,2,3-Trichlorobenzene                            | 11.6   |                 | "     | 10.0        |                | 116                             | 76-136      |           | 9.85  | 30    |          |
| 1,2,3-Trichloropropane                            | 12.1   |                 | "     | 10.0        |                | 121                             | 77-128      |           | 9.28  | 30    |          |
| 1,2,4,5-Tetramethylbenzene                        | 11.9   |                 | "     | 10.0        |                | 119                             | 85-140      |           | 1.08  | 30    |          |
| 1,2,4-Trichlorobenzene                            | 11.6   |                 | "     | 10.0        |                | 116                             | 76-137      |           | 4.77  | 30    |          |
| 1,2,4-Trimethylbenzene                            | 12.5   |                 | "     | 10.0        |                | 125                             | 82-132      |           | 2.99  | 30    |          |
| 1,2-Dibromo-3-chloropropane                       | 10.2   |                 | "     | 10.0        |                | 102                             | 45-147      |           | 4.82  | 30    |          |
| 1,2-Dibromoethane                                 | 12.4   |                 | "     | 10.0        |                | 124                             | 83-124      |           | 11.7  | 30    |          |
| 1,2-Dichlorobenzene                               | 11.9   |                 | "     | 10.0        |                | 119                             | 79-123      |           | 1.19  | 30    |          |
| 1,2-Dichloroethane                                | 12.0   |                 | "     | 10.0        |                | 120                             | 73-132      |           | 8.80  | 30    |          |
| 1,2-Dichloropropane                               | 12.5   |                 | "     | 10.0        |                | 125                             | 78-126      |           | 4.40  | 30    |          |
| 1,3,5-Trimethylbenzene                            | 13.7   |                 | "     | 10.0        |                | 137                             | 80-131      | High Bias | 5.27  | 30    |          |
| 1,3-Dichlorobenzene                               | 11.7   |                 | "     | 10.0        |                | 117                             | 86-122      |           | 2.53  | 30    |          |
| 1,3-Dichloropropane                               | 12.4   |                 | "     | 10.0        |                | 124                             | 81-125      |           | 10.7  | 30    |          |
| 1,4-Dichlorobenzene                               | 11.6   |                 | "     | 10.0        |                | 116                             | 85-124      |           | 1.80  | 30    |          |
| 1,4-Dioxane                                       | 96.4   |                 | "     | 210         |                | 45.9                            | 10-349      |           | 49.3  | 30    | Non-dir. |
| 2,2-Dichloropropane                               | 11.0   |                 | "     | 10.0        |                | 110                             | 56-150      |           | 0.273 | 30    |          |
| 2-Butanone                                        | 13.0   |                 | "     | 10.0        |                | 130                             | 49-152      |           | 20.0  | 30    |          |
| 2-Chlorotoluene                                   | 12.4   |                 | "     | 10.0        |                | 124                             | 79-130      |           | 3.40  | 30    |          |
| 2-Hexanone                                        | 10.5   |                 | "     | 10.0        |                | 105                             | 51-146      |           | 22.9  | 30    |          |
| 4-Chlorotoluene                                   | 12.4   |                 | "     | 10.0        |                | 124                             | 79-128      |           | 5.02  | 30    |          |
| 4-Methyl-2-pentanone                              | 10.1   |                 | "     | 10.0        |                | 101                             | 57-145      |           | 24.7  | 30    |          |
| Acetone                                           | 9.18   |                 | "     | 10.0        |                | 91.8                            | 14-150      |           | 7.57  | 30    |          |
| Acrolein                                          | 12.0   |                 | "     | 10.0        |                | 120                             | 10-153      |           | 7.18  | 30    |          |
| Acrylonitrile                                     | 12.6   |                 | "     | 10.0        |                | 126                             | 51-150      |           | 15.6  | 30    |          |
| Benzene                                           | 12.4   |                 | "     | 10.0        |                | 124                             | 85-126      |           | 2.28  | 30    |          |
| Bromobenzene                                      | 12.5   |                 | "     | 10.0        |                | 125                             | 78-129      |           | 0.400 | 30    |          |
| Bromochloromethane                                | 12.0   |                 | "     | 10.0        |                | 120                             | 77-128      |           | 7.37  | 30    |          |
| Bromodichloromethane                              | 13.0   |                 | "     | 10.0        |                | 130                             | 79-128      | High Bias | 4.90  | 30    |          |
| Bromoform                                         | 11.3   |                 | "     | 10.0        |                | 113                             | 78-133      |           | 13.6  | 30    |          |
| Bromomethane                                      | 10.2   |                 | "     | 10.0        |                | 102                             | 43-168      |           | 5.96  | 30    |          |
| Carbon disulfide                                  | 13.5   |                 | "     | 10.0        |                | 135                             | 68-146      |           | 2.56  | 30    |          |
| Carbon tetrachloride                              | 12.9   |                 | "     | 10.0        |                | 129                             | 77-141      |           | 0.540 | 30    |          |
| Chlorobenzene                                     | 12.0   |                 | "     | 10.0        |                | 120                             | 88-120      |           | 3.31  | 30    |          |
| Chloroethane                                      | 12.8   |                 | "     | 10.0        |                | 128                             | 65-136      |           | 1.55  | 30    |          |
| Chloroform                                        | 11.5   |                 | "     | 10.0        |                | 115                             | 82-128      |           | 3.09  | 30    |          |
| Chloromethane                                     | 12.5   |                 | "     | 10.0        |                | 125                             | 43-155      |           | 2.83  | 30    |          |
| cis-1,2-Dichloroethylene                          | 12.1   |                 | "     | 10.0        |                | 121                             | 83-129      |           | 2.77  | 30    |          |
| cis-1,3-Dichloropropylene                         | 12.2   |                 | "     | 10.0        |                | 122                             | 80-131      |           | 4.85  | 30    |          |
| Cyclohexane                                       | 12.5   |                 | "     | 10.0        |                | 125                             | 63-149      |           | 1.04  | 30    |          |
| Dibromochloromethane                              | 11.9   |                 | "     | 10.0        |                | 119                             | 80-130      |           | 10.7  | 30    |          |
| Dibromomethane                                    | 11.5   |                 | "     | 10.0        |                | 115                             | 72-134      |           | 9.28  | 30    |          |
| Dichlorodifluoromethane                           | 16.2   |                 | "     | 10.0        |                | 162                             | 44-144      | High Bias | 3.34  | 30    |          |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD   | RPD Limit | Flag     |
|----------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-------|-----------|----------|
| <b>Batch BD51584 - EPA 5030B</b>       |        |                 |       |             |                |                                 |             |           |       |           |          |
| <b>LCS Dup (BD51584-BSD1)</b>          |        |                 |       |             |                | Prepared & Analyzed: 04/21/2025 |             |           |       |           |          |
| Diisopropyl ether (DIPE)               | 12.3   |                 | ug/L  | 10.0        |                | 123                             | 70-130      |           | 7.93  | 30        |          |
| Ethyl Benzene                          | 12.9   |                 | "     | 10.0        |                | 129                             | 80-131      |           | 1.40  | 30        |          |
| Ethyl tert-butyl ether (ETBE)          | 11.8   |                 | "     | 10.0        |                | 118                             | 70-130      |           | 12.3  | 30        |          |
| Hexachlorobutadiene                    | 10.9   |                 | "     | 10.0        |                | 109                             | 67-146      |           | 4.73  | 30        |          |
| Iodomethane                            | 9.68   |                 | "     | 10.0        |                | 96.8                            | 70-130      |           | 8.79  | 30        |          |
| Isopropylbenzene                       | 12.8   |                 | "     | 10.0        |                | 128                             | 76-140      |           | 5.34  | 30        |          |
| Methyl acetate                         | 7.86   |                 | "     | 10.0        |                | 78.6                            | 51-139      |           | 18.6  | 30        |          |
| Methyl Methacrylate                    | 12.8   |                 | "     | 10.0        |                | 128                             | 72-132      |           | 24.5  | 30        |          |
| Methyl tert-butyl ether (MTBE)         | 11.7   |                 | "     | 10.0        |                | 117                             | 76-135      |           | 15.7  | 30        |          |
| Methyleyclohexane                      | 12.8   |                 | "     | 10.0        |                | 128                             | 72-143      |           | 0.467 | 30        |          |
| Methylene chloride                     | 12.1   |                 | "     | 10.0        |                | 121                             | 55-137      |           | 3.97  | 30        |          |
| Naphthalene                            | 12.1   |                 | "     | 10.0        |                | 121                             | 70-147      |           | 13.4  | 30        |          |
| n-Butylbenzene                         | 12.5   |                 | "     | 10.0        |                | 125                             | 79-132      |           | 6.66  | 30        |          |
| n-Propylbenzene                        | 12.7   |                 | "     | 10.0        |                | 127                             | 78-133      |           | 5.80  | 30        |          |
| o-Xylene                               | 12.4   |                 | "     | 10.0        |                | 124                             | 78-130      |           | 2.61  | 30        |          |
| p- & m- Xylenes                        | 25.3   |                 | "     | 20.0        |                | 127                             | 77-133      |           | 1.39  | 30        |          |
| p-Diethylbenzene                       | 12.4   |                 | "     | 10.0        |                | 124                             | 84-134      |           | 4.97  | 30        |          |
| p-Ethyltoluene                         | 12.8   |                 | "     | 10.0        |                | 128                             | 88-129      |           | 5.34  | 30        |          |
| p-Isopropyltoluene                     | 13.0   |                 | "     | 10.0        |                | 130                             | 81-136      |           | 5.33  | 30        |          |
| sec-Butylbenzene                       | 12.6   |                 | "     | 10.0        |                | 126                             | 79-137      |           | 6.21  | 30        |          |
| Styrene                                | 13.3   |                 | "     | 10.0        |                | 133                             | 67-132      | High Bias | 4.47  | 30        |          |
| tert-Amyl alcohol (TAA)                | 77.3   |                 | "     | 100         |                | 77.3                            | 70-130      |           | 42.9  | 30        | Non-dir. |
| tert-Amyl methyl ether (TAME)          | 11.3   |                 | "     | 10.0        |                | 113                             | 70-130      |           | 15.9  | 30        |          |
| tert-Butyl alcohol (TBA)               | 39.5   |                 | "     | 50.0        |                | 79.0                            | 25-162      |           | 45.3  | 30        | Non-dir. |
| tert-Butylbenzene                      | 11.2   |                 | "     | 10.0        |                | 112                             | 77-138      |           | 5.41  | 30        |          |
| Tetrachloroethylene                    | 11.5   |                 | "     | 10.0        |                | 115                             | 82-131      |           | 0.174 | 30        |          |
| Tetrahydrofuran                        | 11.6   |                 | "     | 10.0        |                | 116                             | 36-166      |           | 21.9  | 30        |          |
| Toluene                                | 12.4   |                 | "     | 10.0        |                | 124                             | 80-127      |           | 0.892 | 30        |          |
| trans-1,2-Dichloroethylene             | 12.5   |                 | "     | 10.0        |                | 125                             | 80-132      |           | 0.644 | 30        |          |
| trans-1,3-Dichloropropylene            | 12.6   |                 | "     | 10.0        |                | 126                             | 78-131      |           | 10.0  | 30        |          |
| trans-1,4-dichloro-2-butene            | 12.1   |                 | "     | 10.0        |                | 121                             | 63-141      |           | 9.28  | 30        |          |
| Trichloroethylene                      | 12.6   |                 | "     | 10.0        |                | 126                             | 82-128      |           | 0.476 | 30        |          |
| Trichlorofluoromethane                 | 13.4   |                 | "     | 10.0        |                | 134                             | 67-139      |           | 0.819 | 30        |          |
| Vinyl acetate                          | 12.2   |                 | "     | 10.0        |                | 122                             | 21-90       | High Bias | 9.31  | 30        |          |
| Vinyl Chloride                         | 13.1   |                 | "     | 10.0        |                | 131                             | 58-145      |           | 4.26  | 30        |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.42   |                 | "     | 10.0        |                | 94.2                            | 69-130      |           |       |           |          |
| Surrogate: SURR: Toluene-d8            | 10.2   |                 | "     | 10.0        |                | 102                             | 81-117      |           |       |           |          |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.0   |                 | "     | 10.0        |                | 100                             | 79-122      |           |       |           |          |



## Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51552 - EPA 3535A

##### Blank (BD51552-BLK1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                           |      |       |      |      |  |     |          |  |  |  |  |
|---------------------------|------|-------|------|------|--|-----|----------|--|--|--|--|
| 1,4-Dioxane               | ND   | 0.300 | ug/L |      |  |     |          |  |  |  |  |
| Surrogate: 1,4-Dioxane-d8 | 4.80 |       | "    | 4.00 |  | 120 | 36.6-118 |  |  |  |  |

##### LCS (BD51552-BS1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                           |      |       |      |      |  |      |          |  |  |  |  |
|---------------------------|------|-------|------|------|--|------|----------|--|--|--|--|
| 1,4-Dioxane               | 3.36 | 0.300 | ug/L | 4.00 |  | 84.0 | 50-130   |  |  |  |  |
| Surrogate: 1,4-Dioxane-d8 | 3.36 |       | "    | 4.00 |  | 84.0 | 36.6-118 |  |  |  |  |





## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51393 - EPA 1633 Prep

##### Blank (BD51393-BLK1)

Prepared: 04/18/2025 Analyzed: 04/21/2025

|                                                     |      |      |      |      |  |     |        |  |  |  |  |
|-----------------------------------------------------|------|------|------|------|--|-----|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                 | ND   | 1.77 | ng/L |      |  |     |        |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                     | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)                | ND   | 1.83 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                       | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                 | ND   | 1.86 | "    |      |  |     |        |  |  |  |  |
| Perfluorononanoic acid (PFNA)                       | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                       | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                    | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                    | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                 | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                  | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSAA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSAA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                     | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)                | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | ND   | 1.91 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)              | ND   | 1.93 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | ND   | 7.60 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | ND   | 7.68 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                    | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | ND   | 3.56 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)           | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                | ND   | 1.88 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | ND   | 7.50 | "    |      |  |     |        |  |  |  |  |
| HFPO-DA (Gen-X)                                     | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| 11CL-PF3OUdS                                        | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| 9CL-PF3ONS                                          | ND   | 7.48 | "    |      |  |     |        |  |  |  |  |
| ADONA                                               | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)              | ND   | 1.94 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | ND   | 1.92 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | ND   | 5.00 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)            | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSE                                            | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSA                                            | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSE                                            | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSA                                            | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Surrogate: M3PFBS                                   | 31.1 |      | "    | 23.3 |  | 134 | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                  | 29.3 |      | "    | 25.0 |  | 117 | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                  | 33.7 |      | "    | 25.0 |  | 135 | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                  | 31.8 |      | "    | 23.7 |  | 134 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 34.4 |      | "    | 25.0 |  | 138 | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                   | 15.7 |      | "    | 12.5 |  | 126 | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                  | 14.7 |      | "    | 12.5 |  | 118 | 25-150 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

## Batch BD51393 - EPA 1633 Prep

## Blank (BD51393-BLK1)

Prepared: 04/18/2025 Analyzed: 04/21/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 13.2 |  | ng/L | 12.5 |  | 106  | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.7 |  | "    | 12.5 |  | 85.7 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 11.4 |  | "    | 100  |  | 11.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 32.1 |  | "    | 24.0 |  | 134  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 37.7 |  | "    | 50.0 |  | 75.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 34.0 |  | "    | 25.0 |  | 136  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 62.8 |  | "    | 50.0 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 65.9 |  | "    | 50.0 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 61.6 |  | "    | 47.6 |  | 129  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 60.4 |  | "    | 48.0 |  | 126  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.5 |  | "    | 12.5 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 61.4 |  | "    | 46.9 |  | 131  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 26.0 |  | "    | 25.0 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 26.8 |  | "    | 25.0 |  | 107  | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 128  |  | "    | 100  |  | 128  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 310  |  | "    | 250  |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 309  |  | "    | 250  |  | 124  | 25-150 |  |  |  |  |

## LCS (BD51393-BS1)

Prepared: 04/18/2025 Analyzed: 04/21/2025

|                                                    |      |      |      |      |  |      |        |          |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 32.3 | 1.77 | ng/L | 35.4 |  | 91.2 | 50-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 37.7 | 2.00 | "    | 40.0 |  | 94.3 | 50-150 |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 35.5 | 2.00 | "    | 40.0 |  | 88.9 | 50-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 35.5 | 1.83 | "    | 36.6 |  | 96.9 | 50-150 |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 37.1 | 2.00 | "    | 40.0 |  | 92.8 | 50-150 |          |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 38.8 | 1.86 | "    | 37.2 |  | 104  | 50-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 38.7 | 2.00 | "    | 40.0 |  | 96.8 | 50-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 36.1 | 2.00 | "    | 40.0 |  | 90.1 | 50-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 37.3 | 2.00 | "    | 40.0 |  | 93.4 | 50-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 36.5 | 2.00 | "    | 40.0 |  | 91.2 | 50-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                | 42.2 | 2.00 | "    | 40.0 |  | 106  | 50-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 32.6 | 2.00 | "    | 40.0 |  | 81.6 | 50-150 |          |  |  |  |
| N-MeFOSAA                                          | 38.0 | 2.00 | "    | 40.0 |  | 95.1 | 50-150 |          |  |  |  |
| N-EtFOSAA                                          | 37.7 | 2.00 | "    | 40.0 |  | 94.2 | 50-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 74.3 | 4.00 | "    | 80.0 |  | 92.9 | 50-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 35.4 | 2.00 | "    | 40.0 |  | 88.5 | 50-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 39.3 | 1.91 | "    | 38.2 |  | 103  | 50-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 37.4 | 1.93 | "    | 38.6 |  | 96.8 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 151  | 7.60 | "    | 152  |  | 99.4 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 135  | 7.68 | "    | 154  |  | 87.9 | 50-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 129  | 8.00 | "    | 160  |  | 80.8 | 50-150 |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | 67.0 | 3.56 | "    | 71.2 |  | 94.0 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxahheptanoic acid (NFDHA)         | 72.8 | 4.00 | "    | 80.0 |  | 90.9 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 15.1 | 4.00 | "    | 80.0 |  | 18.8 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 104  | 4.00 | "    | 80.0 |  | 130  | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 31.3 | 1.88 | "    | 37.6 |  | 83.3 | 50-150 |          |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                                   | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag | RPD | RPD Limit | Flag |
|-----------------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|------|-----|-----------|------|
| Batch BD51393 - EPA 1633 Prep                             |        |                 |       |             |                |                                           |             |      |     |           |      |
| LCS (BD51393-BS1)                                         |        |                 |       |             |                | Prepared: 04/18/2025 Analyzed: 04/21/2025 |             |      |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 142    | 7.50            | ng/L  | 150         |                | 94.4                                      | 50-150      |      |     |           |      |
| HFPO-DA (Gen-X)                                           | 73.7   | 8.00            | "     | 80.0        |                | 92.1                                      | 50-150      |      |     |           |      |
| 11CL-PF3OUdS                                              | 59.4   | 7.56            | "     | 75.6        |                | 78.6                                      | 50-150      |      |     |           |      |
| 9CL-PF3ONS                                                | 67.1   | 7.48            | "     | 74.8        |                | 89.7                                      | 50-150      |      |     |           |      |
| ADONA                                                     | 68.1   | 7.56            | "     | 75.6        |                | 90.1                                      | 50-150      |      |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)                    | 27.2   | 1.94            | "     | 38.8        |                | 70.1                                      | 50-150      |      |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 36.1   | 1.92            | "     | 38.4        |                | 94.1                                      | 50-150      |      |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | 106    | 5.00            | "     | 160         |                | 66.2                                      | 50-150      |      |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 929    | 25.0            | "     | 800         |                | 116                                       | 50-150      |      |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 986    | 25.0            | "     | 800         |                | 123                                       | 50-150      |      |     |           |      |
| N-MeFOSE                                                  | 356    | 20.0            | "     | 400         |                | 88.9                                      | 50-150      |      |     |           |      |
| N-MeFOSA                                                  | 39.4   | 2.00            | "     | 40.0        |                | 98.5                                      | 50-150      |      |     |           |      |
| N-EtFOSE                                                  | 382    | 20.0            | "     | 400         |                | 95.5                                      | 50-150      |      |     |           |      |
| N-EtFOSA                                                  | 38.2   | 2.00            | "     | 40.0        |                | 95.4                                      | 50-150      |      |     |           |      |
| Surrogate: M3PFBS                                         | 32.5   |                 | "     | 23.3        |                | 139                                       | 25-150      |      |     |           |      |
| Surrogate: M5PFHxA                                        | 34.4   |                 | "     | 25.0        |                | 138                                       | 25-150      |      |     |           |      |
| Surrogate: M4PFHpA                                        | 36.8   |                 | "     | 25.0        |                | 147                                       | 25-150      |      |     |           |      |
| Surrogate: M3PFHxS                                        | 35.3   |                 | "     | 23.7        |                | 149                                       | 25-150      |      |     |           |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 33.3   |                 | "     | 25.0        |                | 133                                       | 25-150      |      |     |           |      |
| Surrogate: M6PFDA                                         | 16.8   |                 | "     | 12.5        |                | 134                                       | 25-150      |      |     |           |      |
| Surrogate: M7PFUdA                                        | 16.7   |                 | "     | 12.5        |                | 134                                       | 25-150      |      |     |           |      |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 14.0   |                 | "     | 12.5        |                | 112                                       | 25-150      |      |     |           |      |
| Surrogate: M2PFTeDA                                       | 11.1   |                 | "     | 12.5        |                | 88.5                                      | 10-150      |      |     |           |      |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 5.95   |                 | "     | 100         |                | 5.95                                      | 25-150      |      |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 32.0   |                 | "     | 24.0        |                | 133                                       | 25-150      |      |     |           |      |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 42.6   |                 | "     | 50.0        |                | 85.2                                      | 25-150      |      |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 37.8   |                 | "     | 25.0        |                | 151                                       | 10-150      |      |     |           |      |
| Surrogate: d3-N-MeFOSAA                                   | 67.1   |                 | "     | 50.0        |                | 134                                       | 25-150      |      |     |           |      |
| Surrogate: d5-N-EtFOSAA                                   | 67.3   |                 | "     | 50.0        |                | 135                                       | 25-150      |      |     |           |      |
| Surrogate: M2-6:2 FTS                                     | 66.6   |                 | "     | 47.6        |                | 140                                       | 25-200      |      |     |           |      |
| Surrogate: M2-8:2 FTS                                     | 70.3   |                 | "     | 48.0        |                | 146                                       | 25-200      |      |     |           |      |
| Surrogate: M9PFNA                                         | 16.2   |                 | "     | 12.5        |                | 129                                       | 25-150      |      |     |           |      |
| Surrogate: M2-4:2 FTS                                     | 67.0   |                 | "     | 46.9        |                | 143                                       | 25-150      |      |     |           |      |
| Surrogate: d-N-MeFOSA                                     | 29.4   |                 | "     | 25.0        |                | 117                                       | 25-150      |      |     |           |      |
| Surrogate: d-N-EtFOSA                                     | 28.4   |                 | "     | 25.0        |                | 114                                       | 25-150      |      |     |           |      |
| Surrogate: M3HFPO-DA                                      | 153    |                 | "     | 100         |                | 153                                       | 25-150      |      |     |           |      |
| Surrogate: d9-N-EtFOSE                                    | 353    |                 | "     | 250         |                | 141                                       | 25-150      |      |     |           |      |
| Surrogate: d7-N-MeFOSE                                    | 359    |                 | "     | 250         |                | 143                                       | 25-150      |      |     |           |      |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                             | Result | Reporting | Units | Spike                                     | Source* | %REC | %REC   | Flag     | RPD | RPD    | Flag |
|-----------------------------------------------------|--------|-----------|-------|-------------------------------------------|---------|------|--------|----------|-----|--------|------|
|                                                     |        | Limit     |       |                                           | Result  |      |        |          |     | Limits |      |
| Batch BD51393 - EPA 1633 Prep                       |        |           |       |                                           |         |      |        |          |     |        |      |
| LCS (BD51393-BS2)                                   |        |           |       | Prepared: 04/18/2025 Analyzed: 04/22/2025 |         |      |        |          |     |        |      |
| Perfluorobutanesulfonic acid (PFBS)                 | 3.22   | 1.77      | ng/L  | 3.54                                      |         | 91.1 | 50-150 |          |     |        |      |
| Perfluorohexanoic acid (PFHxA)                      | 3.41   | 2.00      | "     | 4.00                                      |         | 85.3 | 50-150 |          |     |        |      |
| Perfluoroheptanoic acid (PFHpA)                     | 3.57   | 2.00      | "     | 4.00                                      |         | 89.2 | 50-150 |          |     |        |      |
| Perfluorohexanesulfonic acid (PFHxS)                | 3.52   | 1.83      | "     | 3.66                                      |         | 96.3 | 50-150 |          |     |        |      |
| Perfluorooctanoic acid (PFOA)                       | 3.78   | 2.00      | "     | 4.00                                      |         | 94.5 | 50-150 |          |     |        |      |
| Perfluorooctanesulfonic acid (PFOS)                 | 2.92   | 1.86      | "     | 3.72                                      |         | 78.4 | 50-150 |          |     |        |      |
| Perfluorononanoic acid (PFNA)                       | 4.09   | 2.00      | "     | 4.00                                      |         | 102  | 50-150 |          |     |        |      |
| Perfluorodecanoic acid (PFDA)                       | 5.23   | 2.00      | "     | 4.00                                      |         | 131  | 50-150 |          |     |        |      |
| Perfluoroundecanoic acid (PFUnA)                    | 3.80   | 2.00      | "     | 4.00                                      |         | 94.9 | 50-150 |          |     |        |      |
| Perfluorododecanoic acid (PFDoA)                    | 3.67   | 2.00      | "     | 4.00                                      |         | 91.7 | 50-150 |          |     |        |      |
| Perfluorotridecanoic acid (PFTriDA)                 | 4.28   | 2.00      | "     | 4.00                                      |         | 107  | 50-150 |          |     |        |      |
| Perfluorotetradecanoic acid (PFTA)                  | 3.32   | 2.00      | "     | 4.00                                      |         | 82.9 | 50-150 |          |     |        |      |
| N-MeFOSAA                                           | 3.30   | 2.00      | "     | 4.00                                      |         | 82.5 | 50-150 |          |     |        |      |
| N-EtFOSAA                                           | 3.73   | 2.00      | "     | 4.00                                      |         | 93.3 | 50-150 |          |     |        |      |
| Perfluoropentanoic acid (PFPeA)                     | 7.40   | 4.00      | "     | 8.00                                      |         | 92.5 | 50-150 |          |     |        |      |
| Perfluoro-1-octanesulfonamide (FOSA)                | 3.20   | 2.00      | "     | 4.00                                      |         | 80.0 | 50-150 |          |     |        |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | 3.93   | 1.91      | "     | 3.82                                      |         | 103  | 50-150 |          |     |        |      |
| Perfluoro-1-decanesulfonic acid (PFDS)              | 3.62   | 1.93      | "     | 3.86                                      |         | 93.7 | 50-150 |          |     |        |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | 13.7   | 7.60      | "     | 15.2                                      |         | 90.0 | 50-150 |          |     |        |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 13.6   | 7.68      | "     | 15.4                                      |         | 88.7 | 50-150 |          |     |        |      |
| Perfluoro-n-butanoic acid (PFBA)                    | 10.1   | 8.00      | "     | 16.0                                      |         | 63.3 | 50-150 |          |     |        |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | 5.38   | 3.56      | "     | 7.12                                      |         | 75.6 | 50-150 |          |     |        |      |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)            | 5.41   | 4.00      | "     | 8.00                                      |         | 67.6 | 50-150 |          |     |        |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | 1.09   | 4.00      | "     | 8.00                                      |         | 13.6 | 50-150 | Low Bias |     |        |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | 10.5   | 4.00      | "     | 8.00                                      |         | 131  | 50-150 |          |     |        |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                | 3.19   | 1.88      | "     | 3.76                                      |         | 84.9 | 50-150 |          |     |        |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | 13.5   | 7.50      | "     | 15.0                                      |         | 89.8 | 50-150 |          |     |        |      |
| HFPO-DA (Gen-X)                                     | 5.65   | 8.00      | "     | 8.00                                      |         | 70.7 | 50-150 |          |     |        |      |
| 11CL-PF3OUdS                                        | 6.28   | 7.56      | "     | 7.56                                      |         | 83.1 | 50-150 |          |     |        |      |
| 9CL-PF3ONS                                          | 5.56   | 7.48      | "     | 7.48                                      |         | 74.3 | 50-150 |          |     |        |      |
| ADONA                                               | 6.65   | 7.56      | "     | 7.56                                      |         | 87.9 | 50-150 |          |     |        |      |
| Perfluorododecanesulfonic acid (PFDoS)              | 3.43   | 1.94      | "     | 3.88                                      |         | 88.3 | 50-150 |          |     |        |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | 3.58   | 1.92      | "     | 3.84                                      |         | 93.3 | 50-150 |          |     |        |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | 10.1   | 5.00      | "     | 16.0                                      |         | 62.9 | 50-150 |          |     |        |      |
| 3-Perfluoropentyl propanoic acid (FPePA)            | 87.3   | 25.0      | "     | 80.0                                      |         | 109  | 50-150 |          |     |        |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | 89.1   | 25.0      | "     | 80.0                                      |         | 111  | 50-150 |          |     |        |      |
| N-MeFOSE                                            | 38.9   | 20.0      | "     | 40.0                                      |         | 97.2 | 50-150 |          |     |        |      |
| N-MeFOSA                                            | 3.59   | 2.00      | "     | 4.00                                      |         | 89.8 | 50-150 |          |     |        |      |
| N-EtFOSE                                            | 41.1   | 20.0      | "     | 40.0                                      |         | 103  | 50-150 |          |     |        |      |
| N-EtFOSA                                            | 4.18   | 2.00      | "     | 4.00                                      |         | 104  | 50-150 |          |     |        |      |
| Surrogate: M3PFBS                                   | 28.0   |           | "     | 23.3                                      |         | 120  | 25-150 |          |     |        |      |
| Surrogate: M5PFHxA                                  | 29.6   |           | "     | 25.0                                      |         | 118  | 25-150 |          |     |        |      |
| Surrogate: M4PFHpA                                  | 30.2   |           | "     | 25.0                                      |         | 121  | 25-150 |          |     |        |      |
| Surrogate: M3PFHxS                                  | 30.6   |           | "     | 23.7                                      |         | 129  | 25-150 |          |     |        |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 28.8   |           | "     | 25.0                                      |         | 115  | 25-150 |          |     |        |      |
| Surrogate: M6PFDA                                   | 12.1   |           | "     | 12.5                                      |         | 96.5 | 25-150 |          |     |        |      |
| Surrogate: M7PFUdA                                  | 13.7   |           | "     | 12.5                                      |         | 110  | 25-150 |          |     |        |      |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51393 - EPA 1633 Prep

##### LCS (BD51393-BS2)

Prepared: 04/18/2025 Analyzed: 04/22/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.9 |  | ng/L | 12.5 |  | 95.5 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.88 |  | "    | 12.5 |  | 79.0 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 3.51 |  | "    | 100  |  | 3.51 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 28.7 |  | "    | 24.0 |  | 120  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 34.3 |  | "    | 50.0 |  | 68.7 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 32.4 |  | "    | 25.0 |  | 130  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 56.7 |  | "    | 50.0 |  | 113  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 59.5 |  | "    | 50.0 |  | 119  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 55.5 |  | "    | 47.6 |  | 117  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 57.0 |  | "    | 48.0 |  | 119  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 13.3 |  | "    | 12.5 |  | 107  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 57.3 |  | "    | 46.9 |  | 122  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 26.7 |  | "    | 25.0 |  | 107  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 24.8 |  | "    | 25.0 |  | 99.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 116  |  | "    | 100  |  | 116  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 288  |  | "    | 250  |  | 115  | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 295  |  | "    | 250  |  | 118  | 25-150 |  |  |  |  |

#### Batch BD51463 - EPA 1633 Prep

##### Blank (BD51463-BLK1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                    |    |      |      |
|----------------------------------------------------|----|------|------|
| Perfluorobutanesulfonic acid (PFBS)                | ND | 1.77 | ng/L |
| Perfluorohexanoic acid (PFHxA)                     | ND | 2.00 | "    |
| Perfluoroheptanoic acid (PFHpA)                    | ND | 2.00 | "    |
| Perfluorohexanesulfonic acid (PFHxS)               | ND | 1.83 | "    |
| Perfluorooctanoic acid (PFOA)                      | ND | 2.00 | "    |
| Perfluorooctanesulfonic acid (PFOS)                | ND | 1.86 | "    |
| Perfluorononanoic acid (PFNA)                      | ND | 2.00 | "    |
| Perfluorodecanoic acid (PFDA)                      | ND | 2.00 | "    |
| Perfluoroundecanoic acid (PFUnA)                   | ND | 2.00 | "    |
| Perfluorododecanoic acid (PFDoA)                   | ND | 2.00 | "    |
| Perfluorotridecanoic acid (PFTrDA)                 | ND | 2.00 | "    |
| Perfluorotetradecanoic acid (PFTA)                 | ND | 2.00 | "    |
| N-MeFOSAA                                          | ND | 2.00 | "    |
| N-EtFOSAA                                          | ND | 2.00 | "    |
| Perfluoropentanoic acid (PFPeA)                    | ND | 4.00 | "    |
| Perfluoro-1-octanesulfonamide (FOSA)               | ND | 2.00 | "    |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | ND | 1.91 | "    |
| Perfluoro-1-decanesulfonic acid (PFDS)             | ND | 1.93 | "    |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND | 7.60 | "    |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND | 7.68 | "    |
| Perfluoro-n-butanoic acid (PFBA)                   | ND | 8.00 | "    |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND | 3.56 | "    |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND | 4.00 | "    |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | ND | 4.00 | "    |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

Batch BD51463 - EPA 1633 Prep

Blank (BD51463-BLK1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND   | 4.00 | ng/L |      |  |      |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | ND   | 1.88 | "    |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND   | 7.50 | "    |      |  |      |        |  |  |  |  |
| HFPO-DA (Gen-X)                                           | ND   | 8.00 | "    |      |  |      |        |  |  |  |  |
| 11CL-PF3OUdS                                              | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| 9CL-PF3ONS                                                | ND   | 7.48 | "    |      |  |      |        |  |  |  |  |
| ADONA                                                     | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | ND   | 1.94 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | ND   | 1.92 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | ND   | 5.00 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| Surrogate: M3PFBS                                         | 29.3 |      | "    | 23.3 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 28.4 |      | "    | 25.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 30.5 |      | "    | 25.0 |  | 122  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 29.1 |      | "    | 23.7 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 34.8 |      | "    | 25.0 |  | 139  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 15.5 |      | "    | 12.5 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                        | 15.8 |      | "    | 12.5 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.9 |      | "    | 12.5 |  | 103  | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.48 |      | "    | 12.5 |  | 75.9 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 11.4 |      | "    | 100  |  | 11.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.1 |      | "    | 24.0 |  | 138  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 48.3 |      | "    | 50.0 |  | 96.6 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 34.2 |      | "    | 25.0 |  | 137  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 58.4 |      | "    | 50.0 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 57.6 |      | "    | 50.0 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 66.7 |      | "    | 47.6 |  | 140  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 62.4 |      | "    | 48.0 |  | 130  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 14.6 |      | "    | 12.5 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 60.3 |      | "    | 46.9 |  | 129  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 23.5 |      | "    | 25.0 |  | 93.9 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 23.8 |      | "    | 25.0 |  | 95.0 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 116  |      | "    | 100  |  | 116  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 270  |      | "    | 250  |  | 108  | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 287  |      | "    | 250  |  | 115  | 25-150 |  |  |  |  |



# PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

### Batch BD51463 - EPA 1633 Prep

#### LCS (BD51463-BS1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                     |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                 | 32.5 | 1.77 | ng/L | 35.4 |  | 91.9 | 50-150 |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                      | 34.0 | 2.00 | "    | 40.0 |  | 85.1 | 50-150 |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                     | 34.4 | 2.00 | "    | 40.0 |  | 86.1 | 50-150 |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)                | 33.1 | 1.83 | "    | 36.6 |  | 90.3 | 50-150 |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                       | 32.2 | 2.00 | "    | 40.0 |  | 80.5 | 50-150 |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                 | 31.9 | 1.86 | "    | 37.2 |  | 85.9 | 50-150 |  |  |  |  |
| Perfluorononanoic acid (PFNA)                       | 30.2 | 2.00 | "    | 40.0 |  | 75.5 | 50-150 |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                       | 38.2 | 2.00 | "    | 40.0 |  | 95.5 | 50-150 |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                    | 39.0 | 2.00 | "    | 40.0 |  | 97.5 | 50-150 |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                    | 37.1 | 2.00 | "    | 40.0 |  | 92.6 | 50-150 |  |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                 | 42.0 | 2.00 | "    | 40.0 |  | 105  | 50-150 |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                  | 34.0 | 2.00 | "    | 40.0 |  | 85.1 | 50-150 |  |  |  |  |
| N-MeFOSAA                                           | 36.3 | 2.00 | "    | 40.0 |  | 90.8 | 50-150 |  |  |  |  |
| N-EtFOSAA                                           | 35.7 | 2.00 | "    | 40.0 |  | 89.2 | 50-150 |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                     | 70.7 | 4.00 | "    | 80.0 |  | 88.4 | 50-150 |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)                | 32.0 | 2.00 | "    | 40.0 |  | 80.0 | 50-150 |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)            | 32.9 | 1.91 | "    | 38.2 |  | 86.3 | 50-150 |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)              | 30.3 | 1.93 | "    | 38.6 |  | 78.6 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)  | 136  | 7.60 | "    | 152  |  | 89.8 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 141  | 7.68 | "    | 154  |  | 91.5 | 50-150 |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                    | 133  | 8.00 | "    | 160  |  | 83.2 | 50-150 |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)    | 64.1 | 3.56 | "    | 71.2 |  | 90.0 | 50-150 |  |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)            | 72.5 | 4.00 | "    | 80.0 |  | 90.7 | 50-150 |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)               | 18.8 | 4.00 | "    | 80.0 |  | 23.5 | 50-150 |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                | 94.8 | 4.00 | "    | 80.0 |  | 118  | 50-150 |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                | 33.5 | 1.88 | "    | 37.6 |  | 89.2 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | 138  | 7.50 | "    | 150  |  | 92.0 | 50-150 |  |  |  |  |
| HFPO-DA (Gen-X)                                     | 83.8 | 8.00 | "    | 80.0 |  | 105  | 50-150 |  |  |  |  |
| 11CL-PF3OUdS                                        | 59.8 | 7.56 | "    | 75.6 |  | 79.0 | 50-150 |  |  |  |  |
| 9CL-PF3ONS                                          | 67.2 | 7.48 | "    | 74.8 |  | 89.8 | 50-150 |  |  |  |  |
| ADONA                                               | 73.6 | 7.56 | "    | 75.6 |  | 97.4 | 50-150 |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)              | 23.7 | 1.94 | "    | 38.8 |  | 61.2 | 50-150 |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)              | 27.1 | 1.92 | "    | 38.4 |  | 70.4 | 50-150 |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)            | 115  | 5.00 | "    | 160  |  | 71.8 | 50-150 |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)            | 904  | 25.0 | "    | 800  |  | 113  | 50-150 |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)            | 936  | 25.0 | "    | 800  |  | 117  | 50-150 |  |  |  |  |
| N-MeFOSE                                            | 378  | 20.0 | "    | 400  |  | 94.5 | 50-150 |  |  |  |  |
| N-MeFOSA                                            | 36.8 | 2.00 | "    | 40.0 |  | 92.1 | 50-150 |  |  |  |  |
| N-EtFOSE                                            | 367  | 20.0 | "    | 400  |  | 91.6 | 50-150 |  |  |  |  |
| N-EtFOSA                                            | 37.6 | 2.00 | "    | 40.0 |  | 94.0 | 50-150 |  |  |  |  |
| Surrogate: M3PFBS                                   | 29.8 |      | "    | 23.3 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                  | 29.0 |      | "    | 25.0 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                  | 29.9 |      | "    | 25.0 |  | 119  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                  | 32.1 |      | "    | 23.7 |  | 135  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 32.6 |      | "    | 25.0 |  | 130  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                   | 13.2 |      | "    | 12.5 |  | 106  | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                  | 12.4 |      | "    | 12.5 |  | 99.1 | 25-150 |  |  |  |  |





## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

#### Batch BD51463 - EPA 1633 Prep

##### LCS (BD51463-BS1)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 10.2 |  | ng/L | 12.5 |  | 81.3 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.61 |  | "    | 12.5 |  | 76.9 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 8.61 |  | "    | 100  |  | 8.61 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.6 |  | "    | 24.0 |  | 140  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 41.5 |  | "    | 50.0 |  | 83.1 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.1 |  | "    | 25.0 |  | 140  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 59.1 |  | "    | 50.0 |  | 118  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 63.4 |  | "    | 50.0 |  | 127  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 71.0 |  | "    | 47.6 |  | 149  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 71.1 |  | "    | 48.0 |  | 148  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 16.6 |  | "    | 12.5 |  | 133  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 67.2 |  | "    | 46.9 |  | 143  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 26.5 |  | "    | 25.0 |  | 106  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 23.3 |  | "    | 25.0 |  | 93.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 115  |  | "    | 100  |  | 115  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 307  |  | "    | 250  |  | 123  | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 304  |  | "    | 250  |  | 122  | 25-150 |  |  |  |  |

##### LCS (BD51463-BS2)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                    |      |      |      |      |  |      |        |          |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 3.43 | 1.77 | ng/L | 3.54 |  | 96.9 | 50-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 3.30 | 2.00 | "    | 4.00 |  | 82.5 | 50-150 |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 3.39 | 2.00 | "    | 4.00 |  | 84.7 | 50-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 2.56 | 1.83 | "    | 3.66 |  | 70.0 | 50-150 |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 3.09 | 2.00 | "    | 4.00 |  | 77.2 | 50-150 |          |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 2.82 | 1.86 | "    | 3.72 |  | 75.7 | 50-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 3.60 | 2.00 | "    | 4.00 |  | 89.9 | 50-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 3.32 | 2.00 | "    | 4.00 |  | 83.0 | 50-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 4.06 | 2.00 | "    | 4.00 |  | 101  | 50-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 3.42 | 2.00 | "    | 4.00 |  | 85.5 | 50-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTriDA)                | 4.03 | 2.00 | "    | 4.00 |  | 101  | 50-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 3.56 | 2.00 | "    | 4.00 |  | 89.1 | 50-150 |          |  |  |  |
| N-MeFOSAA                                          | 3.65 | 2.00 | "    | 4.00 |  | 91.3 | 50-150 |          |  |  |  |
| N-EtFOSAA                                          | 2.71 | 2.00 | "    | 4.00 |  | 67.7 | 50-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 6.86 | 4.00 | "    | 8.00 |  | 85.8 | 50-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 2.94 | 2.00 | "    | 4.00 |  | 73.6 | 50-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 2.89 | 1.91 | "    | 3.82 |  | 75.6 | 50-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 2.59 | 1.93 | "    | 3.86 |  | 67.1 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 12.3 | 7.60 | "    | 15.2 |  | 81.0 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 12.3 | 7.68 | "    | 15.4 |  | 80.3 | 50-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 13.0 | 8.00 | "    | 16.0 |  | 81.1 | 50-150 |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | 5.59 | 3.56 | "    | 7.12 |  | 78.5 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 7.43 | 4.00 | "    | 8.00 |  | 92.8 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 2.55 | 4.00 | "    | 8.00 |  | 31.8 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 6.97 | 4.00 | "    | 8.00 |  | 87.2 | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 2.87 | 1.88 | "    | 3.76 |  | 76.3 | 50-150 |          |  |  |  |



# PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

### Batch BD51463 - EPA 1633 Prep

#### LCS (BD51463-BS2)

Prepared: 04/20/2025 Analyzed: 04/21/2025

|                                                           |      |      |      |      |  |      |        |          |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 13.3 | 7.50 | ng/L | 15.0 |  | 88.8 | 50-150 |          |  |  |  |
| HFPO-DA (Gen-X)                                           | 7.46 | 8.00 | "    | 8.00 |  | 93.3 | 50-150 |          |  |  |  |
| 11CL-PF3OUdS                                              | 5.34 | 7.56 | "    | 7.56 |  | 70.7 | 50-150 |          |  |  |  |
| 9CL-PF3ONS                                                | 5.41 | 7.48 | "    | 7.48 |  | 72.3 | 50-150 |          |  |  |  |
| ADONA                                                     | 6.61 | 7.56 | "    | 7.56 |  | 87.5 | 50-150 |          |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | 1.64 | 1.94 | "    | 3.88 |  | 42.2 | 50-150 | Low Bias |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 2.80 | 1.92 | "    | 3.84 |  | 72.9 | 50-150 |          |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | 14.3 | 5.00 | "    | 16.0 |  | 89.3 | 50-150 |          |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 81.7 | 25.0 | "    | 80.0 |  | 102  | 50-150 |          |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 84.8 | 25.0 | "    | 80.0 |  | 106  | 50-150 |          |  |  |  |
| N-MeFOSE                                                  | 33.1 | 20.0 | "    | 40.0 |  | 82.7 | 50-150 |          |  |  |  |
| N-MeFOSA                                                  | 3.98 | 2.00 | "    | 4.00 |  | 99.5 | 50-150 |          |  |  |  |
| N-EtFOSE                                                  | 35.7 | 20.0 | "    | 40.0 |  | 89.1 | 50-150 |          |  |  |  |
| N-EtFOSA                                                  | 3.44 | 2.00 | "    | 4.00 |  | 85.9 | 50-150 |          |  |  |  |
| Surrogate: M3PFBS                                         | 27.2 |      | "    | 23.3 |  | 117  | 25-150 |          |  |  |  |
| Surrogate: M5PFHxA                                        | 28.0 |      | "    | 25.0 |  | 112  | 25-150 |          |  |  |  |
| Surrogate: M4PFHpA                                        | 29.9 |      | "    | 25.0 |  | 120  | 25-150 |          |  |  |  |
| Surrogate: M3PFHxS                                        | 29.6 |      | "    | 23.7 |  | 125  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 31.1 |      | "    | 25.0 |  | 124  | 25-150 |          |  |  |  |
| Surrogate: M6PFDA                                         | 13.6 |      | "    | 12.5 |  | 109  | 25-150 |          |  |  |  |
| Surrogate: M7PFUdA                                        | 13.9 |      | "    | 12.5 |  | 111  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.2 |      | "    | 12.5 |  | 90.0 | 25-150 |          |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.91 |      | "    | 12.5 |  | 79.3 | 10-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 10.2 |      | "    | 100  |  | 10.2 | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 30.6 |      | "    | 24.0 |  | 128  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 51.7 |      | "    | 50.0 |  | 103  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 29.5 |      | "    | 25.0 |  | 118  | 10-150 |          |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 53.4 |      | "    | 50.0 |  | 107  | 25-150 |          |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 57.7 |      | "    | 50.0 |  | 115  | 25-150 |          |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 63.1 |      | "    | 47.6 |  | 133  | 25-200 |          |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 61.4 |      | "    | 48.0 |  | 128  | 25-200 |          |  |  |  |
| Surrogate: M9PFNA                                         | 13.7 |      | "    | 12.5 |  | 110  | 25-150 |          |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 59.3 |      | "    | 46.9 |  | 127  | 25-150 |          |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 20.1 |      | "    | 25.0 |  | 80.5 | 25-150 |          |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 18.0 |      | "    | 25.0 |  | 71.8 | 25-150 |          |  |  |  |
| Surrogate: M3HFPO-DA                                      | 104  |      | "    | 100  |  | 104  | 25-150 |          |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 273  |      | "    | 250  |  | 109  | 25-150 |          |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 287  |      | "    | 250  |  | 115  | 25-150 |          |  |  |  |



## Gas Chromatography/Flame Ionization Detector - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC<br>Limits | Flag | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|----------------|------|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|----------------|------|--------------|------|

#### Batch BD51446 - Preparation for GC Analysis

##### Blank (BD51446-BLK1)

Prepared & Analyzed: 04/19/2025

|                           |    |      |      |  |  |        |  |  |  |
|---------------------------|----|------|------|--|--|--------|--|--|--|
| Ethylene Glycol           | ND | 10.0 | mg/L |  |  |        |  |  |  |
| Propylene Glycol          | ND | 10.0 | "    |  |  |        |  |  |  |
| Surrogate: 1,4-Butanediol | ND |      | "    |  |  | 30-130 |  |  |  |



### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 25D1027-02 | XDDMW-10         | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1027-06 | FMW-15           | 500 mL Plastic PFAS Free                      |
| 25D1027-08 | Field Blank      | 500 mL Plastic PFAS Free                      |
| 25D1027-09 | Trip Blank       | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |



## Sample and Data Qualifiers Relating to This Work Order

|          |                                                                                                                                                                                                       |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S-HI     | Surrogate recovery is above acceptance limits. No target compound is detected in sample.                                                                                                              |
| QL-02    | This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| PFSu-L   | The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                           |
| PFSu-H   | The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                           |
| PF-LCS-L | The LCS recovery for this PFAS compound was below control limits.                                                                                                                                     |
| J        | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.                               |
| CCVE     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).              |
| A-01     | Re-extracted 04-24-25 in batch BD51712 to confirm positive targets. Data was confirmed and initial run reported.                                                                                      |

## Definitions and Other Explanations

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *           | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.                                                                                                                                                                                                                                                                                                                              |
| ND          | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)                                                                                                                                                                                                                                                                                                                                                     |
| RL          | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.                                                                                                                                                                                                                                                                                                                                |
| LOQ         | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.                                                                    |
| LOD         | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.                                                                                                                                                                      |
| MDL         | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.                                                                                                               |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.                                                                                                |
| NR          | Not reported                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RPD         | Relative Percent Difference                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Wet         | The data has been reported on an as-received (wet weight) basis                                                                                                                                                                                                                                                                                                                                                                             |
| Low Bias    | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.          |
| High Bias   | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.        |
| Non-Dir.    | Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons. |

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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# Technical Report

prepared for:

**WSP USA, Inc. (White Plains, NY)**

500 Summit Lake Drive, Suite 450

Valhalla NY, 10595

**Attention: John Benvegna**

Report Date: 04/30/2025

**Client Project ID: Westchester County Airport**

York Project (SDG) No.: 25D1148

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/30/2025  
Client Project ID: Westchester County Airport  
York Project (SDG) No.: 25D1148

**WSP USA, Inc. (White Plains, NY)**  
500 Summit Lake Drive, Suite 450  
Valhalla NY, 10595  
Attention: John Benvegna

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 17, 2025 and listed below. The project was identified as your project: **Westchester County Airport**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

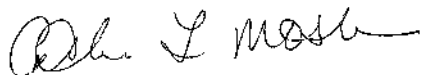
Please contact Client Services at 203.325.1371 with any questions regarding this report.

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 25D1148-01            | Hanger E MW-1           | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-02            | Hanger E MW-4           | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-03            | FMW-24                  | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-04            | FMW-2R                  | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-05            | MW-58D                  | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-06            | FMW-39                  | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-07            | MW-59D                  | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-08            | Field Blank             | Ground Water  | 04/16/2025            | 04/17/2025           |
| 25D1148-09            | Trip Blank              | Ground Water  | 04/16/2025            | 04/17/2025           |

## **General Notes for York Project (SDG) No.: 25D1148**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 04/30/2025





## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1148

Westchester County Airport

Ground Water

April 16, 2025 11:00 am

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>2.27</b> |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>6.34</b> |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>7.14</b> |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND          |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 107-06-2 | <b>1,2-Dichloroethane</b>                            | <b>2.00</b> |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |



## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1148

Westchester County Airport

Ground Water

April 16, 2025 11:00 am

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                | Result | Flag          | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------|--------|---------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 123-91-1 | 1,4-Dioxane              | 333    | CCVE,<br>ICVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 594-20-7 | 2,2-Dichloropropane      | ND     |               | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 78-93-3  | 2-Butanone               | ND     |               | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 95-49-8  | 2-Chlorotoluene          | ND     |               | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 591-78-6 | 2-Hexanone               | ND     |               | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 106-43-4 | 4-Chlorotoluene          | ND     |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone     | ND     |               | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 67-64-1  | Acetone                  | ND     |               | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 107-02-8 | Acrolein                 | ND     |               | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 107-13-1 | Acrylonitrile            | ND     |               | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 71-43-2  | Benzene                  | 0.520  |               | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-86-1 | Bromobenzene             | ND     |               | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 74-97-5  | Bromochloromethane       | ND     |               | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-27-4  | Bromodichloromethane     | ND     |               | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-25-2  | Bromoform                | ND     |               | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 74-83-9  | Bromomethane             | ND     | CCVE          | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-15-0  | Carbon disulfide         | ND     |               | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 56-23-5  | Carbon tetrachloride     | ND     |               | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-90-7 | Chlorobenzene            | ND     |               | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-00-3  | Chloroethane             | 5.56   |               | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 67-66-3  | Chloroform               | ND     |               | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 74-87-3  | Chloromethane            | ND     | CCVE          | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 156-59-2 | cis-1,2-Dichloroethylene | 2.05   |               | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |



## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 11:00 am

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND     |                         | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 110-82-7    | Cyclohexane                    | ND     |                         | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 124-48-1    | Dibromochloromethane           | ND     |                         | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 74-95-3     | Dibromomethane                 | ND     |                         | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-71-8     | Dichlorodifluoromethane        | ND     | CCVE                    | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |                         | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                         | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                         | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 74-88-4     | * Iodomethane                  | ND     | CCVE                    | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                         | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | ICVE                    | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                         | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                         | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                         | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                         | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |



## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 11:00 am

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-85-4                     | tert-Amyl alcohol (TAA)                   | ND            | ICVE                    | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 994-05-8                    | tert-Amyl methyl ether (TAME)             | ND            |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            | ICVE                    | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 75-01-4                     | <b>Vinyl Chloride</b>                     | <b>58.8</b>   |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 20:34      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 99.4 %        | 69-130                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 104 %         | 81-117                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 110 %         | 79-122                  |       |                        |       |          |                                                                                     |                       |                       |         |

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

### Log-in Notes:

### Sample Notes:





## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 11:00 am

04/17/2025

Sample Prepared by Method: EPA 3535A

| CAS No.                     | Parameter                        | Result        | Flag | Units                   | Reported to LOQ | Dilution | Reference Method                                           | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|------|-------------------------|-----------------|----------|------------------------------------------------------------|--------------------|--------------------|---------|
| 123-91-1                    | <b>1,4-Dioxane</b>               | <b>980</b>    |      | ug/L                    | 6.00            | 20       | EPA 8270E SIM<br>Certifications: NJDEP-CT005,NELAC-NY10854 | 04/22/2025 08:33   | 04/25/2025 12:35   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> |      | <b>Acceptance Range</b> |                 |          |                                                            |                    |                    |         |
| 17647-74-4                  | <i>Surrogate: 1,4-Dioxane-d8</i> | %             | S-08 | 36.6-118                |                 |          |                                                            |                    |                    |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                                  | Result      | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|--------------------------------------------|-------------|------|-------|---------------------|------|----------|---------------------------------------------------------------|--------------------|--------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)        | ND          |      | ng/L  | 4.70                | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 307-24-4   | <b>Perfluorohexanoic acid (PFHxA)</b>      | <b>1030</b> |      | ng/L  | 3.50                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 375-85-9   | <b>Perfluoroheptanoic acid (PFHpA)</b>     | <b>404</b>  |      | ng/L  | 7.10                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS)       | ND          |      | ng/L  | 6.80                | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 335-67-1   | <b>Perfluorooctanoic acid (PFOA)</b>       | <b>162</b>  |      | ng/L  | 4.20                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)        | ND          |      | ng/L  | 8.20                | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 375-95-1   | <b>Perfluorononanoic acid (PFNA)</b>       | <b>13.1</b> | J    | ng/L  | 5.20                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)              | ND          |      | ng/L  | 7.50                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)           | ND          |      | ng/L  | 11.3                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)           | ND          |      | ng/L  | 8.80                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)         | ND          |      | ng/L  | 7.40                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA)       | ND          |      | ng/L  | 6.90                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 2355-31-9  | N-MeFOSAA                                  | ND          |      | ng/L  | 7.90                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 2991-50-6  | N-EtFOSAA                                  | ND          |      | ng/L  | 10.3                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 2706-90-3  | <b>Perfluoropentanoic acid (PFPeA)</b>     | <b>3740</b> |      | ng/L  | 2.30                | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 754-91-6   | * Perfluoro-1-octanesulfonamide (FOSA)     | ND          |      | ng/L  | 8.80                | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 375-92-8   | * Perfluoro-1-heptanesulfonic acid (PFHpS) | ND          |      | ng/L  | 9.10                | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |
| 335-77-3   | * Perfluoro-1-decanesulfonic acid (PFDS)   | ND          |      | ng/L  | 13.2                | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36   | 04/23/2025 12:35   | AM      |



## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 11:00 am

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.              | Parameter                                          | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|----------------------------------------------------|--------|------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 27619-97-2           | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 314    |                  | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 39108-34-4           | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |                  | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 375-22-4             | Perfluoro-n-butanoic acid (PFBA)                   | 464    |                  | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 113507-82-7          | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |                  | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 151772-58-6          | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |                  | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 377-73-1             | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     | PF-LCS-L         | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 863090-89-5          | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |                  | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 2706-91-4            | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |                  | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 757124-72-4          | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |                  | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 13252-13-6           | HFPO-DA (Gen-X)                                    | ND     |                  | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 763051-92-9          | 11CL-PF3OUdS                                       | ND     |                  | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 756426-58-1          | 9CL-PF3ONS                                         | ND     |                  | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 919005-14-4          | ADONA                                              | ND     |                  | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 79780-39-5           | * Perfluorododecanesulfonic acid (PFDoS)           | ND     | PF-LCS-L         | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 68259-12-1           | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |                  | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 356-02-5             | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |                  | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 914637-49-3          | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |                  | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 812-70-4             | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |                  | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 24448-09-7           | * N-MeFOSE                                         | ND     |                  | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 31506-32-8           | * N-MeFOSA                                         | ND     |                  | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 1691-99-2            | * N-EtFOSE                                         | ND     |                  | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| 4151-50-2            | * N-EtFOSA                                         | ND     |                  | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 12:35      | AM      |
| Surrogate Recoveries |                                                    | Result | Acceptance Range |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

York Project (SDG) No.

25D1148

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 16, 2025 11:00 am

Date Received

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag | Units  | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|------|--------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| M3PFBS       | Surrogate: M3PFBS                                             | 126 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFHXA    | Surrogate: M5PFHxA                                            | 130 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C4PFHPA    | Surrogate: M4PFHpA                                            | 127 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C3PFHXS    | Surrogate: M3PFHxS                                            | 130 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOA     | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 139 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C6PFDA     | Surrogate: M6PFDA                                             | 114 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C7PFUNA    | Surrogate: M7PFUdA                                            | 107 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 960315-52-0  | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 73.8 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                           | 35.4 % |      |        | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 51.4 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 130 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 121 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 125 %  |      |        | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 107 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 102 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 143 %  |      |        | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 123 %  |      |        | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 118 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 156 %  |      | PFSu-H | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 35.2 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 22.8 % |      | PFSu-L | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 125 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                        | 45.6 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                        | 55.1 % |      |        | 25-150                 |     |          |                  |                       |                       |         |



## Sample Information

**Client Sample ID:** Hanger E MW-1

**York Sample ID:** 25D1148-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1148

Westchester County Airport

Ground Water

April 16, 2025 11:00 am

04/17/2025

## Glycols, Target List

## Log-in Notes:

## Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.              | Parameter                 | Result | Flag | Units            | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------|------------------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1             | * Ethylene Glycol         | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:31      | GXB     |
| 57-55-6              | * Propylene Glycol        | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:31      | GXB     |
| Surrogate Recoveries |                           | Result |      | Acceptance Range |                    |          |                           |                       |                       |         |
| 110-63-4             | Surrogate: 1,4-Butanediol |        |      |                  |                    |          |                           |                       |                       |         |
|                      |                           |        |      |                  | 30-130             |          |                           |                       |                       |         |

## Sample Information

**Client Sample ID:** Hanger E MW-4

**York Sample ID:** 25D1148-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1148

Westchester County Airport

Ground Water

April 16, 2025 11:15 am

04/17/2025

## PFAS, EPA 1633 Target List

## Log-in Notes:

## Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)  | ND     |      | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)       | 607    |      | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)      | 605    |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS) | 16.6   | J    | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)        | 323    |      | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)  | 98.6   |      | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)        | 59.6   |      | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)        | ND     |      | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)     | ND     |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)     | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)   | ND     |      | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |



## Sample Information

**Client Sample ID:** Hanger E MW-4

**York Sample ID:** 25D1148-02

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 11:15 am

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                                 | Result      | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------------------|-------------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)                      | ND          |          | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 2355-31-9   | N-MeFOSAA                                                 | ND          |          | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 2991-50-6   | N-EtFOSAA                                                 | ND          |          | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>                    | <b>1430</b> |          | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)                    | ND          |          | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)                | ND          |          | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)                  | ND          |          | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 27619-97-2  | <b>1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)</b> | <b>1120</b> |          | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 39108-34-4  | <b>1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)</b> | <b>269</b>  |          | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>                   | <b>284</b>  |          | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)          | ND          |          | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)                  | ND          |          | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND          | PF-LCS-L | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND          |          | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)                      | ND          |          | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND          |          | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                           | ND          |          | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                              | ND          |          | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                                | ND          |          | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 919005-14-4 | ADONA                                                     | ND          |          | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)                  | ND          | PF-LCS-L | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)                  | ND          |          | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |



## Sample Information

**Client Sample ID:** Hanger E MW-4

**York Sample ID:** 25D1148-02

York Project (SDG) No.

25D1148

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 16, 2025 11:15 am

Date Received

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                  | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------------------|--------|------|-------|------------------------|------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA) | ND     |      | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA) | ND     |      | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA) | ND     |      | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 24448-09-7  | * N-MeFOSE                                 | ND     |      | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 31506-32-8  | * N-MeFOSA                                 | ND     |      | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 1691-99-2   | * N-EtFOSE                                 | ND     |      | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |
| 4151-50-2   | * N-EtFOSA                                 | ND     |      | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 12:51      | AM      |

| Surrogate Recoveries |                                                               | Result | Acceptance Range |
|----------------------|---------------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                             | 113 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                            | 127 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                            | 122 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                            | 120 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 123 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                             | 105 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                            | 104 %  | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 82.1 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                           | 68.4 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 89.7 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 131 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 121 %  | 25-150           |
| 13C8FOSA             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 119 %  | 10-150           |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                       | 102 %  | 25-150           |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                       | 102 %  | 25-150           |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                         | 134 %  | 25-200           |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                         | 116 %  | 25-200           |
| 13C9PFNA             | Surrogate: M9PFNA                                             | 118 %  | 25-150           |
| M2-4:2FTS            | Surrogate: M2-4:2 FTS                                         | 137 %  | 25-150           |
| 936109-37-4          | Surrogate: d-N-MeFOSA                                         | 52.2 % | 25-150           |
| 936109-40-9          | Surrogate: d-N-EtFOSA                                         | 44.4 % | 25-150           |
| M3HFPO-DA            | Surrogate: M3HFPO-DA                                          | 126 %  | 25-150           |
| D9-NETPFOSAE         | Surrogate: d9-N-EtFOSE                                        | 70.8 % | 25-150           |



## Sample Information

**Client Sample ID:** Hanger E MW-4

**York Sample ID:** 25D1148-02

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 11:15 am

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                             | Parameter | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------------------------------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| D7-NMEPFOSAE Surrogate: d7-N-MeFOSE |           | 76.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-24

**York Sample ID:** 25D1148-03

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 11:30 am

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)  | 2.08   |      | ng/L  | 0.519                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)       | 5.62   |      | ng/L  | 0.386                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)      | 5.60   |      | ng/L  | 0.784                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS) | 3.18   |      | ng/L  | 0.751                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)        | 14.4   |      | ng/L  | 0.464                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)  | 0.934  | J    | ng/L  | 0.905                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)        | 0.754  | J    | ng/L  | 0.574                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)        | ND     |      | ng/L  | 0.828                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)     | ND     |      | ng/L  | 1.25                   | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)     | ND     |      | ng/L  | 0.972                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTTrDA)  | ND     |      | ng/L  | 0.817                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA) | ND     |      | ng/L  | 0.762                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 2355-31-9  | N-MeFOSAA                            | ND     |      | ng/L  | 0.872                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 2991-50-6  | N-EtFOSAA                            | ND     |      | ng/L  | 1.14                   | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 2706-90-3  | Perfluoropentanoic acid (PFPeA)      | 4.81   |      | ng/L  | 0.254                  | 4.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |





## Sample Information

**Client Sample ID:** FMW-24

**York Sample ID:** 25D1148-03

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 11:30 am

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND          |          | ng/L  | 0.972                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND          |          | ng/L  | 1.00                   | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND          |          | ng/L  | 1.46                   | 2.13 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |          | ng/L  | 8.28                   | 8.39 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |          | ng/L  | 2.26                   | 8.48 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>7.66</b> | J        | ng/L  | 0.364                  | 8.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND          |          | ng/L  | 0.552                  | 3.93 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |          | ng/L  | 2.36                   | 4.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          | PF-LCS-L | ng/L  | 0.276                  | 4.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |          | ng/L  | 0.409                  | 4.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND          |          | ng/L  | 0.839                  | 2.08 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |          | ng/L  | 1.98                   | 8.28 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |          | ng/L  | 3.57                   | 8.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |          | ng/L  | 1.52                   | 8.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |          | ng/L  | 0.773                  | 8.26 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 919005-14-4 | ADONA                                              | ND          |          | ng/L  | 0.585                  | 8.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND          | PF-LCS-L | ng/L  | 1.03                   | 2.14 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND          |          | ng/L  | 0.950                  | 2.12 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND          |          | ng/L  | 2.24                   | 5.52 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND          |          | ng/L  | 8.09                   | 27.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND          |          | ng/L  | 10.5                   | 27.6 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND          |          | ng/L  | 4.41                   | 22.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |



## Sample Information

**Client Sample ID:** FMW-24

**York Sample ID:** 25D1148-03

York Project (SDG) No.

25D1148

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 16, 2025 11:30 am

Date Received

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.              | Parameter                                                     | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------------------------------------------|--------|------------------|-------|------------------------|------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 31506-32-8           | * N-MeFOSA                                                    | ND     |                  | ng/L  | 1.74                   | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 1691-99-2            | * N-EtFOSE                                                    | ND     |                  | ng/L  | 4.41                   | 22.1 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| 4151-50-2            | * N-EtFOSA                                                    | ND     |                  | ng/L  | 1.99                   | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 13:07      | AM      |
| Surrogate Recoveries |                                                               | Result | Acceptance Range |       |                        |      |          |                                     |                       |                       |         |
| M3PFBS               | Surrogate: M3PFBS                                             | 123 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C5PFHXA            | Surrogate: M5PFHxA                                            | 132 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C4PFHFA            | Surrogate: M4PFHFA                                            | 136 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C3PFHXS            | Surrogate: M3PFHxS                                            | 133 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 135 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C6PFDA             | Surrogate: M6PFDA                                             | 110 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C7PFUNA            | Surrogate: M7PFUDa                                            | 94.8 % | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 80.9 % | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                           | 71.0 % | 10-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 62.4 % | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 134 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 121 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 13C8FOSA             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 130 %  | 10-150           |       |                        |      |          |                                     |                       |                       |         |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                       | 108 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                       | 111 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                         | 142 %  | 25-200           |       |                        |      |          |                                     |                       |                       |         |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                         | 110 %  | 25-200           |       |                        |      |          |                                     |                       |                       |         |
| 13C9PFNA             | Surrogate: M9PFNA                                             | 118 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| M2-4:2FTS            | Surrogate: M2-4:2 FTS                                         | 149 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 936109-37-4          | Surrogate: d-N-MeFOSA                                         | 68.6 % | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| 936109-40-9          | Surrogate: d-N-EtFOSA                                         | 56.0 % | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| M3HFPO-DA            | Surrogate: M3HFPO-DA                                          | 124 %  | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| D9-NETPFOSAE         | Surrogate: d9-N-EtFOSE                                        | 85.1 % | 25-150           |       |                        |      |          |                                     |                       |                       |         |
| D7-NMEPFOSAE         | Surrogate: d7-N-MeFOSE                                        | 87.4 % | 25-150           |       |                        |      |          |                                     |                       |                       |         |



## Sample Information

**Client Sample ID:** FMW-2R

**York Sample ID:** 25D1148-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 12:20 pm

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result       | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | <b>Perfluorobutanesulfonic acid (PFBS)</b>         | <b>0.820</b> | J    | ng/L  | 0.529                  | 1.99 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 307-24-4    | <b>Perfluorohexanoic acid (PFHxA)</b>              | <b>0.417</b> | J    | ng/L  | 0.394                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 375-85-9    | <b>Perfluoroheptanoic acid (PFHpA)</b>             | <b>0.921</b> | J    | ng/L  | 0.799                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | ND           |      | ng/L  | 0.765                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 335-67-1    | <b>Perfluorooctanoic acid (PFOA)</b>               | <b>1.74</b>  | J    | ng/L  | 0.473                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 1763-23-1   | <b>Perfluorooctanesulfonic acid (PFOS)</b>         | <b>0.948</b> | J    | ng/L  | 0.923                  | 2.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | ND           |      | ng/L  | 0.585                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND           |      | ng/L  | 0.844                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND           |      | ng/L  | 1.27                   | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND           |      | ng/L  | 0.990                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTDA)                  | ND           |      | ng/L  | 0.833                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND           |      | ng/L  | 0.776                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND           |      | ng/L  | 0.889                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND           |      | ng/L  | 1.16                   | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>             | <b>0.726</b> | J    | ng/L  | 0.259                  | 4.50 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND           |      | ng/L  | 0.990                  | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND           |      | ng/L  | 1.02                   | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND           |      | ng/L  | 1.49                   | 2.17 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND           |      | ng/L  | 8.44                   | 8.55 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND           |      | ng/L  | 2.31                   | 8.64 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>1.69</b>  | J    | ng/L  | 0.371                  | 9.00 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND           |      | ng/L  | 0.563                  | 4.01 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |



## Sample Information

**Client Sample ID:** FMW-2R

**York Sample ID:** 25D1148-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 12:20 pm

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.              | Parameter                                           | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-----------------------------------------------------|--------|------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6          | Perfluoro-3,6-dioxaheptanoic acid (NFDHA)           | ND     |                  | ng/L  | 2.41                   | 4.50 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 377-73-1             | Perfluoro-4-oxapentanoic acid (PFMPA)               | ND     | PF-LCS-L         | ng/L  | 0.281                  | 4.50 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 863090-89-5          | Perfluoro-5-oxahexanoic acid (PFMBA)                | ND     |                  | ng/L  | 0.416                  | 4.50 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 2706-91-4            | Perfluoro-1-pentanesulfonate (PFPeS)                | ND     |                  | ng/L  | 0.855                  | 2.12 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 757124-72-4          | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | ND     |                  | ng/L  | 2.01                   | 8.44 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 13252-13-6           | HFPO-DA (Gen-X)                                     | ND     |                  | ng/L  | 3.63                   | 9.00 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 763051-92-9          | 11CL-PF3OUdS                                        | ND     |                  | ng/L  | 1.55                   | 8.51 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 756426-58-1          | 9CL-PF3ONS                                          | ND     |                  | ng/L  | 0.788                  | 8.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 919005-14-4          | ADONA                                               | ND     |                  | ng/L  | 0.596                  | 8.51 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 79780-39-5           | * Perfluorododecanesulfonic acid (PFDoS)            | ND     | PF-LCS-L         | ng/L  | 1.05                   | 2.18 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 68259-12-1           | * Perfluoro-1-nonanesulfonic acid (PFNS)            | ND     |                  | ng/L  | 0.968                  | 2.16 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 356-02-5             | * 3-Perfluoropropyl propanoic acid (FPrPA)          | ND     |                  | ng/L  | 2.28                   | 5.63 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 914637-49-3          | * 3-Perfluoropentyl propanoic acid (FPePA)          | ND     |                  | ng/L  | 8.25                   | 28.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 812-70-4             | * 3-Perfluoroheptyl propanoic acid (FHpPA)          | ND     |                  | ng/L  | 10.7                   | 28.1 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 24448-09-7           | * N-MeFOSE                                          | ND     |                  | ng/L  | 4.49                   | 22.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 31506-32-8           | * N-MeFOSA                                          | ND     |                  | ng/L  | 1.78                   | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 1691-99-2            | * N-EtFOSE                                          | ND     |                  | ng/L  | 4.49                   | 22.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| 4151-50-2            | * N-EtFOSA                                          | ND     |                  | ng/L  | 2.03                   | 2.25 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:39      | AM      |
| Surrogate Recoveries |                                                     | Result | Acceptance Range |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS               | Surrogate: M3PFBS                                   | 120 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA            | Surrogate: M5PFHxA                                  | 125 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA            | Surrogate: M4PFHPA                                  | 127 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS            | Surrogate: M3PFHxS                                  | 129 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 128 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA             | Surrogate: M6PFDA                                   | 107 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA            | Surrogate: M7PFUDa                                  | 89.9 % | 25-150           |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** FMW-2R

**York Sample ID:** 25D1148-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 12:20 pm

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 960315-52-0  | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 62.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                           | 34.1 % |      |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 71.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 121 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 125 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 124 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 101 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 101 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 138 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 106 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 104 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 148 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 61.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 51.5 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 120 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                        | 52.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                        | 65.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:20 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |

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ClientServices@

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## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:20 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result     | Flag          | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|------------|---------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-00-5  | 1,1,2-Trichloroethane        | ND         |               | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-34-3  | 1,1-Dichloroethane           | ND         |               | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-35-4  | 1,1-Dichloroethylene         | ND         |               | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 563-58-6 | 1,1-Dichloropropylene        | ND         |               | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND         |               | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND         |               | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND         |               | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND         |               | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND         |               | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND         |               | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND         |               | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND         |               | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND         |               | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND         |               | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND         |               | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND         |               | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND         |               | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND         |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 123-91-1 | <b>1,4-Dioxane</b>           | <b>269</b> | CCVE,<br>ICVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND         |               | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 78-93-3  | 2-Butanone                   | ND         |               | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND         |               | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 591-78-6 | 2-Hexanone                   | ND         |               | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |





## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:20 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 106-43-4   | 4-Chlorotoluene           | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 108-86-1   | Bromobenzene              | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 74-83-9    | Bromomethane              | ND     | CCVE | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 74-87-3    | Chloromethane             | ND     | CCVE | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |





## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 1:20 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |                         | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                         | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                         | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 74-88-4     | * Iodomethane                  | ND     | CCVE                    | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                         | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | ICVE                    | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                         | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                         | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                         | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                         | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                         | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 100-42-5    | Styrene                        | ND     |                         | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | ICVE                    | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |



## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 1:20 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            | ICVE                    | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 127-18-4                    | <b>Tetrachloroethylene</b>                | <b>2.20</b>   |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            |                         | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 20:58      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 101 %         | 69-130                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 104 %         | 81-117                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 114 %         | 79-122                  |       |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                                   | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------------------------------------------|-------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | <b>Perfluorobutanesulfonic acid (PFBS)</b>  | <b>185</b>  |      | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 307-24-4 | <b>Perfluorohexanoic acid (PFHxA)</b>       | <b>4210</b> |      | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 375-85-9 | <b>Perfluoroheptanoic acid (PFHpA)</b>      | <b>1100</b> |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 355-46-4 | <b>Perfluorohexanesulfonic acid (PFHxS)</b> | <b>664</b>  |      | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |



## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 1:20 pm

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 480    |          | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 424    |          | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 50.5   |          | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | 10.9   | J        | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |          | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |          | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |          | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |          | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |          | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |          | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 11500  |          | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |          | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 9.22   | J        | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |          | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 12300  |          | ng/L  | 750                    | 760  | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:11      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 90.7   |          | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 1680   |          | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND     |          | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |          | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     | PF-LCS-L | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |          | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 147    |          | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |



## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:20 pm

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |          | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |          | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |          | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |          | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 919005-14-4 | ADONA                                              | ND     |          | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     | PF-LCS-L | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |          | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | 22.5   | J        | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |          | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |          | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |          | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |          | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |          | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |          | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 13:55      | AM      |

| Surrogate Recoveries |                                                     | Result | Acceptance Range |
|----------------------|-----------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                   | 141 %  | 25-150           |
| M3PFBS               | Surrogate: M3PFBS                                   | 145 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                  | 129 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                  | 139 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                  | 142 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                  | 145 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                  | 141 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                  | 137 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 136 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 147 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                   | 123 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                   | 135 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUDa                                  | 112 %  | 25-150           |



## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 1:20 pm

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C7PFUNA    | Surrogate: M7PFUdA                                            | 109 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 960315-52-0  | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 92.6 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 960315-52-0  | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 96.6 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                           | 67.3 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                           | 82.6 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 28.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 41.2 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 134 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 142 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 125 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 129 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 143 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 147 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 129 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 128 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 134 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 143 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 153 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 243 %  | PFSu-H |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 142 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 141 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 130 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 138 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 151 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 156 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 80.9 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 80.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 84.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 75.8 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 125 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 132 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                        | 95.8 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                        | 98.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-58D

**York Sample ID:** 25D1148-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:20 pm

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                             | Parameter | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------------------------------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| D7-NMEPFOSAE Surrogate: d7-N-MeFOSE |           | 96.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE Surrogate: d7-N-MeFOSE |           | 101 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:55 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |





## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:55 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter              | Result | Flag          | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------|--------|---------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 106-93-4 | 1,2-Dibromoethane      | ND     |               | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene    | ND     |               | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 107-06-2 | 1,2-Dichloroethane     | ND     |               | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 78-87-5  | 1,2-Dichloropropane    | ND     |               | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND     |               | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene    | ND     |               | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 142-28-9 | 1,3-Dichloropropane    | ND     |               | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene    | ND     |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 123-91-1 | 1,4-Dioxane            | ND     | CCVE,<br>ICVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 594-20-7 | 2,2-Dichloropropane    | ND     |               | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 78-93-3  | 2-Butanone             | ND     |               | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 95-49-8  | 2-Chlorotoluene        | ND     |               | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 591-78-6 | 2-Hexanone             | ND     |               | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 106-43-4 | 4-Chlorotoluene        | ND     |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone   | ND     |               | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 67-64-1  | Acetone                | ND     |               | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 107-02-8 | Acrolein               | ND     |               | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 107-13-1 | Acrylonitrile          | ND     |               | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 71-43-2  | Benzene                | ND     |               | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 108-86-1 | Bromobenzene           | ND     |               | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 74-97-5  | Bromochloromethane     | ND     |               | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-27-4  | Bromodichloromethane   | ND     |               | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-25-2  | Bromoform              | ND     |               | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |





## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:55 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 74-83-9    | Bromomethane                   | ND     | CCVE                    | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-15-0    | Carbon disulfide               | ND     |                         | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 56-23-5    | Carbon tetrachloride           | ND     |                         | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 108-90-7   | Chlorobenzene                  | ND     |                         | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-00-3    | Chloroethane                   | ND     |                         | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 67-66-3    | Chloroform                     | ND     |                         | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 74-87-3    | Chloromethane                  | ND     | CCVE                    | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |                         | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |                         | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 110-82-7   | Cyclohexane                    | ND     |                         | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 124-48-1   | Dibromochloromethane           | ND     |                         | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 74-95-3    | Dibromomethane                 | ND     |                         | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-71-8    | Dichlorodifluoromethane        | ND     | CCVE                    | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)       | ND     |                         | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 100-41-4   | Ethyl Benzene                  | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE)  | ND     |                         | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 87-68-3    | Hexachlorobutadiene            | ND     |                         | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 74-88-4    | * Iodomethane                  | ND     | CCVE                    | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 98-82-8    | Isopropylbenzene               | ND     |                         | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 79-20-9    | Methyl acetate                 | ND     | ICVE                    | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 80-62-6    | Methyl Methacrylate            | ND     |                         | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 108-87-2   | Methylcyclohexane              | ND     |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |



## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:55 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                     | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-------------------------------|-------------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 75-09-2     | Methylene chloride            | ND          |      | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 91-20-3     | Naphthalene                   | ND          |      | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 104-51-8    | n-Butylbenzene                | ND          |      | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 103-65-1    | n-Propylbenzene               | ND          |      | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 95-47-6     | o-Xylene                      | ND          |      | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 179601-23-1 | p- & m- Xylenes               | ND          |      | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 105-05-5    | * p-Diethylbenzene            | ND          |      | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 622-96-8    | * p-Ethyltoluene              | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 99-87-6     | p-Isopropyltoluene            | ND          |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 135-98-8    | sec-Butylbenzene              | ND          |      | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 100-42-5    | Styrene                       | ND          |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)       | ND          | ICVE | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME) | ND          |      | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)      | ND          | ICVE | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 98-06-6     | tert-Butylbenzene             | ND          |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 127-18-4    | Tetrachloroethylene           | ND          |      | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 109-99-9    | * Tetrahydrofuran             | ND          |      | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 108-88-3    | <b>Toluene</b>                | <b>3.67</b> |      | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 156-60-5    | trans-1,2-Dichloroethylene    | ND          |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 10061-02-6  | trans-1,3-Dichloropropylene   | ND          |      | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 110-57-6    | trans-1,4-dichloro-2-butene   | ND          |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 79-01-6     | Trichloroethylene             | ND          |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-69-4     | Trichlorofluoromethane        | ND          |      | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |



## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 1:55 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag | Units                   | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|------|-------------------------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-05-4                    | Vinyl acetate                             | ND            |      | ug/L                    | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |      | ug/L                    | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |      | ug/L                    | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 21:22      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> |      | <b>Acceptance Range</b> |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 101 %         |      | 69-130                  |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 104 %         |      | 81-117                  |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 114 %         |      | 79-122                  |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid<br>(PFBS)  | 0.757  | J    | ng/L  | 0.460                  | 1.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)          | 2.44   |      | ng/L  | 0.342                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)         | 2.19   |      | ng/L  | 0.695                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid<br>(PFHxS) | 1.24   | J    | ng/L  | 0.665                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)           | 2.02   |      | ng/L  | 0.411                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid<br>(PFOS)  | 2.21   |      | ng/L  | 0.802                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)           | 0.742  | J    | ng/L  | 0.509                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)           | ND     |      | ng/L  | 0.734                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)        | ND     |      | ng/L  | 1.11                   | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)        | ND     |      | ng/L  | 0.861                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)      | ND     |      | ng/L  | 0.724                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA)    | ND     |      | ng/L  | 0.675                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 2355-31-9  | N-MeFOSAA                               | ND     |      | ng/L  | 0.773                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 2991-50-6  | N-EtFOSAA                               | ND     |      | ng/L  | 1.01                   | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |



## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 1:55 pm

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 5.16   |              | ng/L  | 0.225                  | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |              | ng/L  | 0.861                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |              | ng/L  | 0.890                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |              | ng/L  | 1.29                   | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |              | ng/L  | 7.34                   | 7.43 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |              | ng/L  | 2.01                   | 7.51 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |              | ng/L  | 0.323                  | 7.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND     |              | ng/L  | 0.489                  | 3.48 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |              | ng/L  | 2.09                   | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     | PF-LCS-<br>L | ng/L  | 0.245                  | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |              | ng/L  | 0.362                  | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |              | ng/L  | 0.743                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |              | ng/L  | 1.75                   | 7.34 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |              | ng/L  | 3.16                   | 7.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |              | ng/L  | 1.35                   | 7.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |              | ng/L  | 0.685                  | 7.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 919005-14-4 | ADONA                                              | ND     |              | ng/L  | 0.518                  | 7.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     | PF-LCS-<br>L | ng/L  | 0.910                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |              | ng/L  | 0.841                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |              | ng/L  | 1.99                   | 4.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |              | ng/L  | 7.17                   | 24.5 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |              | ng/L  | 9.26                   | 24.5 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |



## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 1:55 pm

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                     | Result        | Flag   | Units                   | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|---------------------------------------------------------------|---------------|--------|-------------------------|------------------------|--------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 24448-09-7                  | * N-MeFOSE                                                    | ND            |        | ng/L                    | 3.90                   | 19.6   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                    | ND            |        | ng/L                    | 1.55                   | 1.96   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                    | ND            |        | ng/L                    | 3.90                   | 19.6   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                    | ND            |        | ng/L                    | 1.76                   | 1.96   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:27      | AM      |
| <b>Surrogate Recoveries</b> |                                                               | <b>Result</b> |        | <b>Acceptance Range</b> |                        |        |          |                                     |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                             | 123 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                            | 125 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                            | 120 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                            | 131 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 148 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                             | 118 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                            | 106 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 99.4 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                           | 45.9 %        |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| 13C4PFBA                    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 45.4 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOS                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 134 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFPEA                   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 117 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8FOSA                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 129 %         |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| D3-NMEFOSAA                 | Surrogate: d3-N-MeFOSAA                                       | 123 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D5-NETFOSAA                 | Surrogate: d5-N-EtFOSAA                                       | 133 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-6:2FTS                   | Surrogate: M2-6:2 FTS                                         | 195 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| M2-8:2FTS                   | Surrogate: M2-8:2 FTS                                         | 160 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| 13C9PFNA                    | Surrogate: M9PFNA                                             | 139 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-4:2FTS                   | Surrogate: M2-4:2 FTS                                         | 209 %         | PFSu-H |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-37-4                 | Surrogate: d-N-MeFOSA                                         | 74.9 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-40-9                 | Surrogate: d-N-EtFOSA                                         | 64.4 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M3HFPO-DA                   | Surrogate: M3HFPO-DA                                          | 118 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D9-NETPFOSAE                | Surrogate: d9-N-EtFOSE                                        | 81.3 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D7-NMEPFOSAE                | Surrogate: d7-N-MeFOSE                                        | 90.5 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |



## Sample Information

**Client Sample ID:** FMW-39

**York Sample ID:** 25D1148-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1148

Westchester County Airport

Ground Water

April 16, 2025 1:55 pm

04/17/2025

### Glycols, Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.                     | Parameter                 | Result        | Flag | Units                   | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|---------------------------|---------------|------|-------------------------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1                    | * Ethylene Glycol         | ND            |      | mg/L                    | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:46      | GXB     |
| 57-55-6                     | * Propylene Glycol        | ND            |      | mg/L                    | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 17:46      | GXB     |
| <b>Surrogate Recoveries</b> |                           | <b>Result</b> |      | <b>Acceptance Range</b> |                    |          |                           |                       |                       |         |
| 110-63-4                    | Surrogate: 1,4-Butanediol |               |      |                         | 30-130             |          |                           |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1148

Westchester County Airport

Ground Water

April 16, 2025 2:45 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |





## Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 2:45 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                   | Result      | Flag          | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|-------------|---------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND          |               | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND          |               | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 106-93-4 | 1,2-Dibromoethane           | ND          |               | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene         | ND          |               | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 107-06-2 | 1,2-Dichloroethane          | ND          |               | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 78-87-5  | 1,2-Dichloropropane         | ND          |               | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND          |               | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene         | ND          |               | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 142-28-9 | 1,3-Dichloropropane         | ND          |               | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene         | ND          |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 123-91-1 | 1,4-Dioxane                 | ND          | CCVE,<br>ICVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 594-20-7 | 2,2-Dichloropropane         | ND          |               | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 78-93-3  | <b>2-Butanone</b>           | <b>7.68</b> | CCVE          | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 95-49-8  | 2-Chlorotoluene             | ND          |               | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 591-78-6 | 2-Hexanone                  | ND          |               | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 106-43-4 | 4-Chlorotoluene             | ND          |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-10-1 | <b>4-Methyl-2-pentanone</b> | <b>1.32</b> |               | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 67-64-1  | <b>Acetone</b>              | <b>107</b>  | CCVE          | ug/L  | 13.4                   | 20.0  | 10       | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 15:44      | AC      |
| 107-02-8 | Acrolein                    | ND          |               | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 107-13-1 | Acrylonitrile               | ND          |               | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 71-43-2  | Benzene                     | ND          |               | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-86-1 | Bromobenzene                | ND          |               | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 74-97-5  | Bromochloromethane          | ND          |               | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |





## Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 2:45 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                     | Result | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|-------------------------------|--------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-27-4    | Bromodichloromethane          | ND     |                         | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-25-2    | Bromoform                     | ND     |                         | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 74-83-9    | Bromomethane                  | ND     | CCVE                    | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-15-0    | Carbon disulfide              | ND     |                         | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 56-23-5    | Carbon tetrachloride          | ND     |                         | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-90-7   | Chlorobenzene                 | ND     |                         | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-00-3    | Chloroethane                  | ND     |                         | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 67-66-3    | Chloroform                    | ND     |                         | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 74-87-3    | Chloromethane                 | ND     | CCVE                    | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene      | ND     |                         | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene     | ND     |                         | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 110-82-7   | Cyclohexane                   | ND     |                         | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 124-48-1   | Dibromochloromethane          | ND     |                         | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 74-95-3    | Dibromomethane                | ND     |                         | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-71-8    | Dichlorodifluoromethane       | ND     | CCVE                    | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)      | ND     |                         | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 100-41-4   | Ethyl Benzene                 | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE) | ND     |                         | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 87-68-3    | Hexachlorobutadiene           | ND     |                         | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 74-88-4    | * Iodomethane                 | ND     | CCVE                    | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 98-82-8    | Isopropylbenzene              | ND     |                         | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 79-20-9    | Methyl acetate                | ND     | ICVE                    | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 80-62-6    | Methyl Methacrylate           | ND     |                         | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |



## Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1148

Westchester County Airport

Ground Water

April 16, 2025 2:45 pm

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|-------------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND          |      | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-87-2    | Methylcyclohexane              | ND          |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-09-2     | Methylene chloride             | ND          |      | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 91-20-3     | Naphthalene                    | ND          |      | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND          |      | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 103-65-1    | n-Propylbenzene                | ND          |      | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 95-47-6     | o-Xylene                       | ND          |      | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND          |      | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND          |      | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND          |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND          |      | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 100-42-5    | Styrene                        | ND          |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND          | ICVE | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND          |      | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND          | ICVE | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 98-06-6     | tert-Butylbenzene              | ND          |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 127-18-4    | <b>Tetrachloroethylene</b>     | <b>5.54</b> |      | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND          |      | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-88-3    | <b>Toluene</b>                 | <b>1.11</b> |      | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND          |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND          |      | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 110-57-6    | trans-1,4-dichloro-2-butene    | ND          |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |



## Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 2:45 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag | Units                   | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|------|-------------------------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-01-6                     | Trichloroethylene                         | ND            |      | ug/L                    | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |      | ug/L                    | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |      | ug/L                    | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |      | ug/L                    | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |      | ug/L                    | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 21:47      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> |      | <b>Acceptance Range</b> |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 100 %         |      | 69-130                  |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 105 %         |      | 81-117                  |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 114 %         |      | 79-122                  |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)  | 1.40   | J    | ng/L  | 0.457                  | 1.72 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)       | 4.38   |      | ng/L  | 0.340                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)      | 3.38   |      | ng/L  | 0.691                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS) | ND     |      | ng/L  | 0.661                  | 1.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)        | 1.37   | J    | ng/L  | 0.409                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)  | ND     |      | ng/L  | 0.798                  | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)        | 0.657  | J    | ng/L  | 0.506                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)        | ND     |      | ng/L  | 0.730                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)     | ND     |      | ng/L  | 1.10                   | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)     | ND     |      | ng/L  | 0.856                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)   | ND     |      | ng/L  | 0.720                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA) | ND     |      | ng/L  | 0.671                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |



## Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 2:45 pm

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2355-31-9   | N-MeFOSAA                                          | ND          |          | ng/L  | 0.768                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND          |          | ng/L  | 1.00                   | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>             | <b>5.67</b> |          | ng/L  | 0.224                  | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND          |          | ng/L  | 0.856                  | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND          |          | ng/L  | 0.885                  | 1.86 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND          |          | ng/L  | 1.28                   | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |          | ng/L  | 7.30                   | 7.39 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |          | ng/L  | 1.99                   | 7.47 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>38.1</b> |          | ng/L  | 0.321                  | 7.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND          |          | ng/L  | 0.486                  | 3.46 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |          | ng/L  | 2.08                   | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          | PF-LCS-L | ng/L  | 0.243                  | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |          | ng/L  | 0.360                  | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND          |          | ng/L  | 0.739                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |          | ng/L  | 1.74                   | 7.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |          | ng/L  | 3.14                   | 7.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |          | ng/L  | 1.34                   | 7.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |          | ng/L  | 0.681                  | 7.28 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 919005-14-4 | ADONA                                              | ND          |          | ng/L  | 0.516                  | 7.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND          | PF-LCS-L | ng/L  | 0.905                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND          |          | ng/L  | 0.837                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND          |          | ng/L  | 1.97                   | 4.86 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |



## Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1148

Westchester County Airport

Ground Water

April 16, 2025 2:45 pm

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                 | Result | Flag   | Units            | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|-----------------------------------------------------------|--------|--------|------------------|------------------------|------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 914637-49-3  | * 3-Perfluoropentyl propanoic acid (FPePA)                | ND     |        | ng/L             | 7.13                   | 24.3 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 812-70-4     | * 3-Perfluoroheptyl propanoic acid (FHpPA)                | ND     |        | ng/L             | 9.21                   | 24.3 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 24448-09-7   | * N-MeFOSE                                                | ND     |        | ng/L             | 3.88                   | 19.5 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 31506-32-8   | * N-MeFOSA                                                | ND     |        | ng/L             | 1.54                   | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 1691-99-2    | * N-EtFOSE                                                | ND     |        | ng/L             | 3.88                   | 19.5 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
| 4151-50-2    | * N-EtFOSA                                                | ND     |        | ng/L             | 1.75                   | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 14:43      | AM      |
|              | Surrogate Recoveries                                      | Result |        | Acceptance Range |                        |      |          |                                     |                       |                       |         |
| M3PFBS       | Surrogate: M3PFBS                                         | 125 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C5PFHXA    | Surrogate: M5PFHxA                                        | 128 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C4PFHPA    | Surrogate: M4PFHPA                                        | 92.6 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C3PFHXS    | Surrogate: M3PFHxS                                        | 124 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C8PFOA     | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 137 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C6PFDA     | Surrogate: M6PFDA                                         | 114 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C7PFUNA    | Surrogate: M7PFUDa                                        | 99.2 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 960315-52-0  | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 63.9 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                       | 31.5 % |        | 10-150           |                        |      |          |                                     |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 32.4 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 181 %  | PFSu-H | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 141 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 131 %  |        | 10-150           |                        |      |          |                                     |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                   | 138 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                   | 138 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                     | 345 %  | PFSu-H | 25-200           |                        |      |          |                                     |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                     | 231 %  | PFSu-H | 25-200           |                        |      |          |                                     |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                         | 115 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                     | 281 %  | PFSu-H | 25-150           |                        |      |          |                                     |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                     | 58.9 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                     | 44.1 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                      | 121 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                    | 46.7 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                    | 64.5 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |



### Sample Information

**Client Sample ID:** MW-59D

**York Sample ID:** 25D1148-07

| <u>York Project (SDG) No.</u> | <u>Client Project ID</u>   | <u>Matrix</u> | <u>Collection Date/Time</u> | <u>Date Received</u> |
|-------------------------------|----------------------------|---------------|-----------------------------|----------------------|
| 25D1148                       | Westchester County Airport | Ground Water  | April 16, 2025 2:45 pm      | 04/17/2025           |

### Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1148-08

| <u>York Project (SDG) No.</u> | <u>Client Project ID</u>   | <u>Matrix</u> | <u>Collection Date/Time</u> | <u>Date Received</u> |
|-------------------------------|----------------------------|---------------|-----------------------------|----------------------|
| 25D1148                       | Westchester County Airport | Ground Water  | April 16, 2025 3:15 pm      | 04/17/2025           |

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1148-08

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:15 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter              | Result | Flag          | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------|--------|---------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND     |               | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene    | ND     |               | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 142-28-9 | 1,3-Dichloropropane    | ND     |               | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene    | ND     |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 123-91-1 | 1,4-Dioxane            | ND     | CCVE,<br>ICVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 594-20-7 | 2,2-Dichloropropane    | ND     |               | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 78-93-3  | 2-Butanone             | ND     |               | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 95-49-8  | 2-Chlorotoluene        | ND     |               | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 591-78-6 | 2-Hexanone             | ND     |               | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 106-43-4 | 4-Chlorotoluene        | ND     |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone   | ND     |               | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 67-64-1  | Acetone                | ND     |               | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 107-02-8 | Acrolein               | ND     |               | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 107-13-1 | Acrylonitrile          | ND     |               | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 71-43-2  | Benzene                | ND     |               | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 108-86-1 | Bromobenzene           | ND     |               | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 74-97-5  | Bromochloromethane     | ND     |               | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-27-4  | Bromodichloromethane   | ND     |               | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-25-2  | Bromoform              | ND     |               | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 74-83-9  | Bromomethane           | ND     | CCVE          | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-15-0  | Carbon disulfide       | ND     |               | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 56-23-5  | Carbon tetrachloride   | ND     |               | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 108-90-7 | Chlorobenzene          | ND     |               | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1148-08

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:15 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-00-3    | Chloroethane                   | ND     |                         | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 67-66-3    | Chloroform                     | ND     |                         | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 74-87-3    | Chloromethane                  | ND     | CCVE                    | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |                         | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |                         | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 110-82-7   | Cyclohexane                    | ND     |                         | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 124-48-1   | Dibromochloromethane           | ND     |                         | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 74-95-3    | Dibromomethane                 | ND     |                         | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-71-8    | Dichlorodifluoromethane        | ND     | CCVE                    | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)       | ND     |                         | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 100-41-4   | Ethyl Benzene                  | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE)  | ND     |                         | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 87-68-3    | Hexachlorobutadiene            | ND     |                         | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 74-88-4    | * Iodomethane                  | ND     | CCVE                    | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 98-82-8    | Isopropylbenzene               | ND     |                         | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 79-20-9    | Methyl acetate                 | ND     | ICVE                    | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 80-62-6    | Methyl Methacrylate            | ND     |                         | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 108-87-2   | Methylcyclohexane              | ND     |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-09-2    | Methylene chloride             | ND     |                         | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 91-20-3    | Naphthalene                    | ND     |                         | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 104-51-8   | n-Butylbenzene                 | ND     |                         | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 103-65-1   | n-Propylbenzene                | ND     |                         | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1148-08

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:15 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.              | Parameter                                 | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-------------------------------------------|--------|------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 95-47-6              | o-Xylene                                  | ND     |                  | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 179601-23-1          | p- & m- Xylenes                           | ND     |                  | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 105-05-5             | * p-Diethylbenzene                        | ND     |                  | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 622-96-8             | * p-Ethyltoluene                          | ND     |                  | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 99-87-6              | p-Isopropyltoluene                        | ND     |                  | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 135-98-8             | sec-Butylbenzene                          | ND     |                  | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 100-42-5             | Styrene                                   | ND     |                  | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-85-4              | tert-Amyl alcohol (TAA)                   | ND     | ICVE             | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 994-05-8             | tert-Amyl methyl ether (TAME)             | ND     |                  | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-65-0              | tert-Butyl alcohol (TBA)                  | ND     | ICVE             | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 98-06-6              | tert-Butylbenzene                         | ND     |                  | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 127-18-4             | Tetrachloroethylene                       | ND     |                  | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 109-99-9             | * Tetrahydrofuran                         | ND     |                  | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 108-88-3             | Toluene                                   | ND     |                  | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 156-60-5             | trans-1,2-Dichloroethylene                | ND     |                  | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 10061-02-6           | trans-1,3-Dichloropropylene               | ND     |                  | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 110-57-6             | trans-1,4-dichloro-2-butene               | ND     |                  | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 79-01-6              | Trichloroethylene                         | ND     |                  | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-69-4              | Trichlorofluoromethane                    | ND     |                  | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 108-05-4             | Vinyl acetate                             | ND     |                  | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 75-01-4              | Vinyl Chloride                            | ND     |                  | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| 1330-20-7            | Xylenes, Total                            | ND     |                  | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 18:56      | AC      |
| Surrogate Recoveries |                                           | Result | Acceptance Range |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0           | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 101 %  | 69-130           |       |                        |       |          |                                                                                     |                       |                       |         |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1148-08

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:15 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.   | Parameter                                | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 2037-26-5 | Surrogate: SURR: Toluene-d8              | 104 %  |      |       | 81-117                 |     |          |                  |                       |                       |         |
| 460-00-4  | Surrogate: SURR:<br>p-Bromofluorobenzene | 112 %  |      |       | 79-122                 |     |          |                  |                       |                       |         |

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3535A

| CAS No.              | Parameter                 | Result | Flag | Units            | Reported to<br>LOQ | Dilution | Reference Method                                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------|------------------|--------------------|----------|------------------------------------------------------------|-----------------------|-----------------------|---------|
| 123-91-1             | 1,4-Dioxane               | ND     |      | ug/L             | 0.300              | 1        | EPA 8270E SIM<br>Certifications: NJDEP-CT005,NELAC-NY10854 | 04/22/2025 08:33      | 04/23/2025 13:45      | SS      |
| Surrogate Recoveries |                           | Result |      | Acceptance Range |                    |          |                                                            |                       |                       |         |
| 17647-74-4           | Surrogate: 1,4-Dioxane-d8 | 84.0 % |      |                  | 36.6-118           |          |                                                            |                       |                       |         |

### PFAS, EPA 1633 Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)  | ND     |      | ng/L  | 0.460                  | 1.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)       | ND     |      | ng/L  | 0.342                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)      | ND     |      | ng/L  | 0.695                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS) | ND     |      | ng/L  | 0.665                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)        | ND     |      | ng/L  | 0.411                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)  | ND     |      | ng/L  | 0.802                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)        | ND     |      | ng/L  | 0.509                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)        | ND     |      | ng/L  | 0.734                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)     | ND     |      | ng/L  | 1.11                   | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)     | ND     |      | ng/L  | 0.861                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)   | ND     |      | ng/L  | 0.724                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA) | ND     |      | ng/L  | 0.675                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 2355-31-9  | N-MeFOSAA                            | ND     |      | ng/L  | 0.773                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1148-08

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:15 pm

**Date Received**

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2991-50-6   | N-EtFOSAA                                          | ND     |          | ng/L  | 1.01                   | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | ND     |          | ng/L  | 0.225                  | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |          | ng/L  | 0.861                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |          | ng/L  | 0.890                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |          | ng/L  | 1.29                   | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |          | ng/L  | 7.34                   | 7.44 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |          | ng/L  | 2.01                   | 7.51 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |          | ng/L  | 0.323                  | 7.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |          | ng/L  | 0.489                  | 3.48 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |          | ng/L  | 2.09                   | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     | PF-LCS-L | ng/L  | 0.245                  | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |          | ng/L  | 0.362                  | 3.91 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |          | ng/L  | 0.744                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |          | ng/L  | 1.75                   | 7.34 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |          | ng/L  | 3.16                   | 7.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |          | ng/L  | 1.35                   | 7.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |          | ng/L  | 0.685                  | 7.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 919005-14-4 | ADONA                                              | ND     |          | ng/L  | 0.519                  | 7.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     | PF-LCS-L | ng/L  | 0.910                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |          | ng/L  | 0.841                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |          | ng/L  | 1.99                   | 4.89 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |          | ng/L  | 7.17                   | 24.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |          | ng/L  | 9.27                   | 24.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1148-08

York Project (SDG) No.

25D1148

Client Project ID

Westchester County Airport

Matrix

Ground Water

Collection Date/Time

April 16, 2025 3:15 pm

Date Received

04/17/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                     | Result        | Flag   | Units                   | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|---------------------------------------------------------------|---------------|--------|-------------------------|------------------------|--------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 24448-09-7                  | * N-MeFOSE                                                    | ND            |        | ng/L                    | 3.90                   | 19.6   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                    | ND            |        | ng/L                    | 1.55                   | 1.96   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                    | ND            |        | ng/L                    | 3.90                   | 19.6   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                    | ND            |        | ng/L                    | 1.76                   | 1.96   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/22/2025 12:36      | 04/23/2025 15:18      | AM      |
| <b>Surrogate Recoveries</b> |                                                               | <b>Result</b> |        | <b>Acceptance Range</b> |                        |        |          |                                     |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                             | 116 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                            | 113 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                            | 119 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                            | 129 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 121 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                             | 114 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                            | 102 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 88.9 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                           | 83.7 %        |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| 13C4PFBA                    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 6.13 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOS                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 126 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFPEA                   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 67.7 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8FOSA                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 134 %         |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| D3-NMEFOSAA                 | Surrogate: d3-N-MeFOSAA                                       | 114 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D5-NETFOSAA                 | Surrogate: d5-N-EtFOSAA                                       | 122 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-6:2FTS                   | Surrogate: M2-6:2 FTS                                         | 139 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| M2-8:2FTS                   | Surrogate: M2-8:2 FTS                                         | 143 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| 13C9PFNA                    | Surrogate: M9PFNA                                             | 112 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-4:2FTS                   | Surrogate: M2-4:2 FTS                                         | 126 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-37-4                 | Surrogate: d-N-MeFOSA                                         | 79.3 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-40-9                 | Surrogate: d-N-EtFOSA                                         | 65.5 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M3HFPO-DA                   | Surrogate: M3HFPO-DA                                          | 110 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D9-NETPFOSAE                | Surrogate: d9-N-EtFOSE                                        | 96.8 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D7-NMEPFOSAE                | Surrogate: d7-N-MeFOSE                                        | 92.3 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |



**York Sample ID:** 25D1148-08

Date Received

04/17/2025

**Sample Notes:**

| CAS No.              | Parameter                 | Result | Flag             | Units  | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------------------|--------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1             | * Ethylene Glycol         | ND     |                  | mg/L   | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 18:46      | GXB     |
| 57-55-6              | * Propylene Glycol        | ND     |                  | mg/L   | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 18:46      | GXB     |
| Surrogate Recoveries |                           | Result | Acceptance Range |        |                    |          |                           |                       |                       |         |
| 110-63-4             | Surrogate: 1,4-Butanediol |        |                  | 30-130 |                    |          |                           |                       |                       |         |

### Sample Information

**York Sample ID:** 25D1148-09

Date Received

04/17/2025

**Sample Notes:**

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared                                                      | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|----------------------------------------------------------------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 18:31      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 18:31      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 18:31      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 18:31      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 18:31      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 18:31      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 18:31      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 18:31      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 18:31      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 18:31      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00                                                           | 04/23/2025 18:31      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 18:31      | AC      |





## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1148-09

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:00 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                   | Result | Flag          | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|--------|---------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND     |               | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |               | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 106-93-4 | 1,2-Dibromoethane           | ND     |               | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |               | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 107-06-2 | 1,2-Dichloroethane          | ND     |               | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 78-87-5  | 1,2-Dichloropropane         | ND     |               | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |               | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |               | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 142-28-9 | 1,3-Dichloropropane         | ND     |               | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 123-91-1 | 1,4-Dioxane                 | ND     | CCVE,<br>ICVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 594-20-7 | 2,2-Dichloropropane         | ND     |               | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 78-93-3  | 2-Butanone                  | ND     |               | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 95-49-8  | 2-Chlorotoluene             | ND     |               | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 591-78-6 | 2-Hexanone                  | ND     |               | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 106-43-4 | 4-Chlorotoluene             | ND     |               | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |               | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 67-64-1  | Acetone                     | ND     |               | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 107-02-8 | Acrolein                    | ND     |               | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 107-13-1 | Acrylonitrile               | ND     |               | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 71-43-2  | Benzene                     | ND     |               | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-86-1 | Bromobenzene                | ND     |               | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 74-97-5  | Bromochloromethane          | ND     |               | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |





## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1148-09

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:00 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                     | Result | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|-------------------------------|--------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-27-4    | Bromodichloromethane          | ND     |                         | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-25-2    | Bromoform                     | ND     |                         | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 74-83-9    | Bromomethane                  | ND     | CCVE                    | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-15-0    | Carbon disulfide              | ND     |                         | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 56-23-5    | Carbon tetrachloride          | ND     |                         | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-90-7   | Chlorobenzene                 | ND     |                         | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-00-3    | Chloroethane                  | ND     |                         | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 67-66-3    | Chloroform                    | ND     |                         | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 74-87-3    | Chloromethane                 | ND     | CCVE                    | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene      | ND     |                         | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene     | ND     |                         | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 110-82-7   | Cyclohexane                   | ND     |                         | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 124-48-1   | Dibromochloromethane          | ND     |                         | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 74-95-3    | Dibromomethane                | ND     |                         | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-71-8    | Dichlorodifluoromethane       | ND     | CCVE                    | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)      | ND     |                         | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 100-41-4   | Ethyl Benzene                 | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE) | ND     |                         | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 87-68-3    | Hexachlorobutadiene           | ND     |                         | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 74-88-4    | * Iodomethane                 | ND     | CCVE                    | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 98-82-8    | Isopropylbenzene              | ND     |                         | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 79-20-9    | Methyl acetate                | ND     | ICVE                    | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 80-62-6    | Methyl Methacrylate           | ND     |                         | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1148-09

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:00 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | ICVE | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |      | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     | ICVE | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND     |      | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 110-57-6    | trans-1,4-dichloro-2-butene    | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1148-09

**York Project (SDG) No.**

25D1148

**Client Project ID**

Westchester County Airport

**Matrix**

Ground Water

**Collection Date/Time**

April 16, 2025 3:00 pm

**Date Received**

04/17/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/23/2025 11:00      | 04/23/2025 18:31      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 99.0 %        | 69-130                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 105 %         | 81-117                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 117 %         | 79-122                  |       |                        |       |          |                                                                                     |                       |                       |         |



## Analytical Batch Summary

**Batch ID:** BD51446      **Preparation Method** Preparation for GC Analysis      **Prepared By:** GXB

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1148-01     | Hanger E MW-1    | 04/19/25         |
| 25D1148-06     | FMW-39           | 04/19/25         |
| 25D1148-08     | Field Blank      | 04/19/25         |
| BD51446-BLK1   | Blank            | 04/19/25         |
| BD51446-DUP1   | Duplicate        | 04/19/25         |

**Batch ID:** BD51552      **Preparation Method** EPA 3535A      **Prepared By:** YL

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1148-01     | Hanger E MW-1    | 04/22/25         |
| 25D1148-01RE2  | Hanger E MW-1    | 04/22/25         |
| 25D1148-08     | Field Blank      | 04/22/25         |
| BD51552-BLK1   | Blank            | 04/22/25         |
| BD51552-BS1    | LCS              | 04/22/25         |

**Batch ID:** BD51580      **Preparation Method** EPA 1633 Prep      **Prepared By:** JBG

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1148-01     | Hanger E MW-1    | 04/22/25         |
| 25D1148-02     | Hanger E MW-4    | 04/22/25         |
| 25D1148-03     | FMW-24           | 04/22/25         |
| 25D1148-04     | FMW-2R           | 04/22/25         |
| 25D1148-05     | MW-58D           | 04/22/25         |
| 25D1148-05RE1  | MW-58D           | 04/22/25         |
| 25D1148-06     | FMW-39           | 04/22/25         |
| 25D1148-07     | MW-59D           | 04/22/25         |
| 25D1148-08     | Field Blank      | 04/22/25         |
| BD51580-BLK1   | Blank            | 04/22/25         |
| BD51580-BS1    | LCS              | 04/22/25         |
| BD51580-BS2    | LCS              | 04/22/25         |
| BD51580-DUP1   | Duplicate        | 04/22/25         |

**Batch ID:** BD51827      **Preparation Method** EPA 5030B      **Prepared By:** AC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1148-01     | Hanger E MW-1    | 04/23/25         |
| 25D1148-05     | MW-58D           | 04/23/25         |
| 25D1148-06     | FMW-39           | 04/23/25         |
| 25D1148-07     | MW-59D           | 04/23/25         |
| 25D1148-08     | Field Blank      | 04/23/25         |
| 25D1148-09     | Trip Blank       | 04/23/25         |
| BD51827-BLK1   | Blank            | 04/23/25         |
| BD51827-BS1    | LCS              | 04/23/25         |
| BD51827-BSD1   | LCS Dup          | 04/23/25         |



|                  |                  |                           |           |                     |    |
|------------------|------------------|---------------------------|-----------|---------------------|----|
| <b>Batch ID:</b> | BD52170          | <b>Preparation Method</b> | EPA 5030B | <b>Prepared By:</b> | AC |
| YORK Sample ID   | Client Sample ID | Preparation Date          |           |                     |    |
| 25D1148-07RE1    | MW-59D           | 04/29/25                  |           |                     |    |
| BD52170-BLK1     | Blank            | 04/29/25                  |           |                     |    |
| BD52170-BS1      | LCS              | 04/29/25                  |           |                     |    |
| BD52170-BSD1     | LCS Dup          | 04/29/25                  |           |                     |    |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51827 - EPA 5030B

#### Blank (BD51827-BLK1)

Prepared & Analyzed: 04/23/2025

|                                                      |    |       |      |
|------------------------------------------------------|----|-------|------|
| 1,1,1,2-Tetrachloroethane                            | ND | 0.500 | ug/L |
| 1,1,1-Trichloroethane                                | ND | 0.500 | "    |
| 1,1,2,2-Tetrachloroethane                            | ND | 0.500 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND | 0.500 | "    |
| 1,1,2-Trichloroethane                                | ND | 0.500 | "    |
| 1,1-Dichloroethane                                   | ND | 0.500 | "    |
| 1,1-Dichloroethylene                                 | ND | 0.500 | "    |
| 1,1-Dichloropropylene                                | ND | 0.500 | "    |
| 1,2,3-Trichlorobenzene                               | ND | 0.500 | "    |
| 1,2,3-Trichloropropane                               | ND | 0.500 | "    |
| 1,2,4,5-Tetramethylbenzene                           | ND | 0.500 | "    |
| 1,2,4-Trichlorobenzene                               | ND | 0.500 | "    |
| 1,2,4-Trimethylbenzene                               | ND | 0.500 | "    |
| 1,2-Dibromo-3-chloropropane                          | ND | 0.500 | "    |
| 1,2-Dibromoethane                                    | ND | 0.500 | "    |
| 1,2-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,2-Dichloroethane                                   | ND | 0.500 | "    |
| 1,2-Dichloropropane                                  | ND | 0.500 | "    |
| 1,3,5-Trimethylbenzene                               | ND | 0.500 | "    |
| 1,3-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,3-Dichloropropane                                  | ND | 0.500 | "    |
| 1,4-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,4-Dioxane                                          | ND | 80.0  | "    |
| 2,2-Dichloropropane                                  | ND | 0.500 | "    |
| 2-Butanone                                           | ND | 0.500 | "    |
| 2-Chlorotoluene                                      | ND | 0.500 | "    |
| 2-Hexanone                                           | ND | 0.500 | "    |
| 4-Chlorotoluene                                      | ND | 0.500 | "    |
| 4-Methyl-2-pentanone                                 | ND | 0.500 | "    |
| Acetone                                              | ND | 2.00  | "    |
| Acrolein                                             | ND | 0.500 | "    |
| Acrylonitrile                                        | ND | 0.500 | "    |
| Benzene                                              | ND | 0.500 | "    |
| Bromobenzene                                         | ND | 0.500 | "    |
| Bromochloromethane                                   | ND | 0.500 | "    |
| Bromodichloromethane                                 | ND | 0.500 | "    |
| Bromoform                                            | ND | 0.500 | "    |
| Bromomethane                                         | ND | 0.500 | "    |
| Carbon disulfide                                     | ND | 0.500 | "    |
| Carbon tetrachloride                                 | ND | 0.500 | "    |
| Chlorobenzene                                        | ND | 0.500 | "    |
| Chloroethane                                         | ND | 0.500 | "    |
| Chloroform                                           | ND | 0.500 | "    |
| Chloromethane                                        | ND | 0.500 | "    |
| cis-1,2-Dichloroethylene                             | ND | 0.500 | "    |
| cis-1,3-Dichloropropylene                            | ND | 0.500 | "    |
| Cyclohexane                                          | ND | 0.500 | "    |
| Dibromochloromethane                                 | ND | 0.500 | "    |
| Dibromomethane                                       | ND | 0.500 | "    |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51827 - EPA 5030B

##### Blank (BD51827-BLK1)

Prepared & Analyzed: 04/23/2025

|                                |    |       |      |
|--------------------------------|----|-------|------|
| Dichlorodifluoromethane        | ND | 0.500 | ug/L |
| Diisopropyl ether (DIPE)       | ND | 0.800 | "    |
| Ethyl Benzene                  | ND | 0.500 | "    |
| Ethyl tert-butyl ether (ETBE)  | ND | 0.800 | "    |
| Hexachlorobutadiene            | ND | 0.500 | "    |
| Iodomethane                    | ND | 0.500 | "    |
| Isopropylbenzene               | ND | 0.500 | "    |
| Methyl acetate                 | ND | 0.500 | "    |
| Methyl Methacrylate            | ND | 0.500 | "    |
| Methyl tert-butyl ether (MTBE) | ND | 0.500 | "    |
| Methylcyclohexane              | ND | 0.500 | "    |
| Methylene chloride             | ND | 2.00  | "    |
| Naphthalene                    | ND | 2.00  | "    |
| n-Butylbenzene                 | ND | 0.500 | "    |
| n-Propylbenzene                | ND | 0.500 | "    |
| o-Xylene                       | ND | 0.500 | "    |
| p- & m- Xylenes                | ND | 1.00  | "    |
| p-Diethylbenzene               | ND | 0.500 | "    |
| p-Ethyltoluene                 | ND | 0.500 | "    |
| p-Isopropyltoluene             | ND | 0.500 | "    |
| sec-Butylbenzene               | ND | 0.500 | "    |
| Styrene                        | ND | 0.500 | "    |
| tert-Amyl alcohol (TAA)        | ND | 8.00  | "    |
| tert-Amyl methyl ether (TAME)  | ND | 0.800 | "    |
| tert-Butyl alcohol (TBA)       | ND | 1.00  | "    |
| tert-Butylbenzene              | ND | 0.500 | "    |
| Tetrachloroethylene            | ND | 0.500 | "    |
| Tetrahydrofuran                | ND | 0.500 | "    |
| Toluene                        | ND | 0.500 | "    |
| trans-1,2-Dichloroethylene     | ND | 0.500 | "    |
| trans-1,3-Dichloropropylene    | ND | 0.500 | "    |
| trans-1,4-dichloro-2-butene    | ND | 0.500 | "    |
| Trichloroethylene              | ND | 0.500 | "    |
| Trichlorofluoromethane         | ND | 0.500 | "    |
| Vinyl acetate                  | ND | 0.500 | "    |
| Vinyl Chloride                 | ND | 0.500 | "    |
| Xylenes, Total                 | ND | 1.50  | "    |

|                                        |      |   |      |      |        |
|----------------------------------------|------|---|------|------|--------|
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.46 | " | 10.0 | 94.6 | 69-130 |
| Surrogate: SURR: Toluene-d8            | 10.4 | " | 10.0 | 104  | 81-117 |
| Surrogate: SURR: p-Bromofluorobenzene  | 11.7 | " | 10.0 | 117  | 79-122 |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                              | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag      | RPD | RPD<br>Limit | Flag |
|------------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|-----------|-----|--------------|------|
| <b>Batch BD51827 - EPA 5030B</b>                     |        |                    |       |                |                   |                                 |                |           |     |              |      |
| <b>LCS (BD51827-BS1)</b>                             |        |                    |       |                |                   | Prepared & Analyzed: 04/23/2025 |                |           |     |              |      |
| 1,1,1,2-Tetrachloroethane                            | 12.4   |                    | ug/L  | 10.0           |                   | 124                             | 82-126         |           |     |              |      |
| 1,1,1-Trichloroethane                                | 12.1   |                    | "     | 10.0           |                   | 121                             | 78-136         |           |     |              |      |
| 1,1,2,2-Tetrachloroethane                            | 11.7   |                    | "     | 10.0           |                   | 117                             | 76-129         |           |     |              |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | 12.5   |                    | "     | 10.0           |                   | 125                             | 54-165         |           |     |              |      |
| 1,1,2-Trichloroethane                                | 11.0   |                    | "     | 10.0           |                   | 110                             | 82-123         |           |     |              |      |
| 1,1-Dichloroethane                                   | 11.9   |                    | "     | 10.0           |                   | 119                             | 82-129         |           |     |              |      |
| 1,1-Dichloroethylene                                 | 13.4   |                    | "     | 10.0           |                   | 134                             | 68-138         |           |     |              |      |
| 1,1-Dichloropropylene                                | 12.2   |                    | "     | 10.0           |                   | 122                             | 83-133         |           |     |              |      |
| 1,2,3-Trichlorobenzene                               | 9.17   |                    | "     | 10.0           |                   | 91.7                            | 76-136         |           |     |              |      |
| 1,2,3-Trichloropropane                               | 11.3   |                    | "     | 10.0           |                   | 113                             | 77-128         |           |     |              |      |
| 1,2,4,5-Tetramethylbenzene                           | 10.8   |                    | "     | 10.0           |                   | 108                             | 85-140         |           |     |              |      |
| 1,2,4-Trichlorobenzene                               | 9.82   |                    | "     | 10.0           |                   | 98.2                            | 76-137         |           |     |              |      |
| 1,2,4-Trimethylbenzene                               | 11.9   |                    | "     | 10.0           |                   | 119                             | 82-132         |           |     |              |      |
| 1,2-Dibromo-3-chloropropane                          | 10.4   |                    | "     | 10.0           |                   | 104                             | 45-147         |           |     |              |      |
| 1,2-Dibromoethane                                    | 11.2   |                    | "     | 10.0           |                   | 112                             | 83-124         |           |     |              |      |
| 1,2-Dichlorobenzene                                  | 10.7   |                    | "     | 10.0           |                   | 107                             | 79-123         |           |     |              |      |
| 1,2-Dichloroethane                                   | 11.5   |                    | "     | 10.0           |                   | 115                             | 73-132         |           |     |              |      |
| 1,2-Dichloropropane                                  | 12.2   |                    | "     | 10.0           |                   | 122                             | 78-126         |           |     |              |      |
| 1,3,5-Trimethylbenzene                               | 13.0   |                    | "     | 10.0           |                   | 130                             | 80-131         |           |     |              |      |
| 1,3-Dichlorobenzene                                  | 10.8   |                    | "     | 10.0           |                   | 108                             | 86-122         |           |     |              |      |
| 1,3-Dichloropropane                                  | 11.1   |                    | "     | 10.0           |                   | 111                             | 81-125         |           |     |              |      |
| 1,4-Dichlorobenzene                                  | 10.7   |                    | "     | 10.0           |                   | 107                             | 85-124         |           |     |              |      |
| 1,4-Dioxane                                          | 45.4   |                    | "     | 210            |                   | 21.6                            | 10-349         |           |     |              |      |
| 2,2-Dichloropropane                                  | 11.1   |                    | "     | 10.0           |                   | 111                             | 56-150         |           |     |              |      |
| 2-Butanone                                           | 12.7   |                    | "     | 10.0           |                   | 127                             | 49-152         |           |     |              |      |
| 2-Chlorotoluene                                      | 12.0   |                    | "     | 10.0           |                   | 120                             | 79-130         |           |     |              |      |
| 2-Hexanone                                           | 9.57   |                    | "     | 10.0           |                   | 95.7                            | 51-146         |           |     |              |      |
| 4-Chlorotoluene                                      | 12.2   |                    | "     | 10.0           |                   | 122                             | 79-128         |           |     |              |      |
| 4-Methyl-2-pentanone                                 | 8.93   |                    | "     | 10.0           |                   | 89.3                            | 57-145         |           |     |              |      |
| Acetone                                              | 9.88   |                    | "     | 10.0           |                   | 98.8                            | 14-150         |           |     |              |      |
| Acrolein                                             | 13.2   |                    | "     | 10.0           |                   | 132                             | 10-153         |           |     |              |      |
| Acrylonitrile                                        | 11.7   |                    | "     | 10.0           |                   | 117                             | 51-150         |           |     |              |      |
| Benzene                                              | 12.0   |                    | "     | 10.0           |                   | 120                             | 85-126         |           |     |              |      |
| Bromobenzene                                         | 12.0   |                    | "     | 10.0           |                   | 120                             | 78-129         |           |     |              |      |
| Bromochloromethane                                   | 12.1   |                    | "     | 10.0           |                   | 121                             | 77-128         |           |     |              |      |
| Bromodichloromethane                                 | 12.9   |                    | "     | 10.0           |                   | 129                             | 79-128         | High Bias |     |              |      |
| Bromoform                                            | 11.6   |                    | "     | 10.0           |                   | 116                             | 78-133         |           |     |              |      |
| Bromomethane                                         | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 43-168         |           |     |              |      |
| Carbon disulfide                                     | 14.0   |                    | "     | 10.0           |                   | 140                             | 68-146         |           |     |              |      |
| Carbon tetrachloride                                 | 13.0   |                    | "     | 10.0           |                   | 130                             | 77-141         |           |     |              |      |
| Chlorobenzene                                        | 11.2   |                    | "     | 10.0           |                   | 112                             | 88-120         |           |     |              |      |
| Chloroethane                                         | 12.8   |                    | "     | 10.0           |                   | 128                             | 65-136         |           |     |              |      |
| Chloroform                                           | 11.2   |                    | "     | 10.0           |                   | 112                             | 82-128         |           |     |              |      |
| Chloromethane                                        | 12.5   |                    | "     | 10.0           |                   | 125                             | 43-155         |           |     |              |      |
| cis-1,2-Dichloroethylene                             | 11.9   |                    | "     | 10.0           |                   | 119                             | 83-129         |           |     |              |      |
| cis-1,3-Dichloropropylene                            | 12.3   |                    | "     | 10.0           |                   | 123                             | 80-131         |           |     |              |      |
| Cyclohexane                                          | 11.9   |                    | "     | 10.0           |                   | 119                             | 63-149         |           |     |              |      |
| Dibromochloromethane                                 | 11.9   |                    | "     | 10.0           |                   | 119                             | 80-130         |           |     |              |      |
| Dibromomethane                                       | 10.1   |                    | "     | 10.0           |                   | 101                             | 72-134         |           |     |              |      |
| Dichlorodifluoromethane                              | 14.9   |                    | "     | 10.0           |                   | 149                             | 44-144         | High Bias |     |              |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51827 - EPA 5030B

##### LCS (BD51827-BS1)

Prepared & Analyzed: 04/23/2025

|                                        |      |  |      |      |  |      |        |           |  |  |  |
|----------------------------------------|------|--|------|------|--|------|--------|-----------|--|--|--|
| Diisopropyl ether (DIPE)               | 12.2 |  | ug/L | 10.0 |  | 122  | 70-130 |           |  |  |  |
| Ethyl Benzene                          | 0.00 |  | "    | 10.0 |  |      | 80-131 | Low Bias  |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | 10.9 |  | "    | 10.0 |  | 109  | 70-130 |           |  |  |  |
| Hexachlorobutadiene                    | 9.58 |  | "    | 10.0 |  | 95.8 | 67-146 |           |  |  |  |
| Iodomethane                            | 8.77 |  | "    | 10.0 |  | 87.7 | 70-130 |           |  |  |  |
| Isopropylbenzene                       | 12.2 |  | "    | 10.0 |  | 122  | 76-140 |           |  |  |  |
| Methyl acetate                         | 7.58 |  | "    | 10.0 |  | 75.8 | 51-139 |           |  |  |  |
| Methyl Methacrylate                    | 11.0 |  | "    | 10.0 |  | 110  | 72-132 |           |  |  |  |
| Methyl tert-butyl ether (MTBE)         | 10.3 |  | "    | 10.0 |  | 103  | 76-135 |           |  |  |  |
| Methylcyclohexane                      | 12.3 |  | "    | 10.0 |  | 123  | 72-143 |           |  |  |  |
| Methylene chloride                     | 12.1 |  | "    | 10.0 |  | 121  | 55-137 |           |  |  |  |
| Naphthalene                            | 9.57 |  | "    | 10.0 |  | 95.7 | 70-147 |           |  |  |  |
| n-Butylbenzene                         | 12.4 |  | "    | 10.0 |  | 124  | 79-132 |           |  |  |  |
| n-Propylbenzene                        | 12.4 |  | "    | 10.0 |  | 124  | 78-133 |           |  |  |  |
| o-Xylene                               | 11.8 |  | "    | 10.0 |  | 118  | 78-130 |           |  |  |  |
| p- & m- Xylenes                        | 24.1 |  | "    | 20.0 |  | 121  | 77-133 |           |  |  |  |
| p-Diethylbenzene                       | 11.9 |  | "    | 10.0 |  | 119  | 84-134 |           |  |  |  |
| p-Ethyltoluene                         | 12.2 |  | "    | 10.0 |  | 122  | 88-129 |           |  |  |  |
| p-Isopropyltoluene                     | 12.4 |  | "    | 10.0 |  | 124  | 81-136 |           |  |  |  |
| sec-Butylbenzene                       | 12.3 |  | "    | 10.0 |  | 123  | 79-137 |           |  |  |  |
| Styrene                                | 12.4 |  | "    | 10.0 |  | 124  | 67-132 |           |  |  |  |
| tert-Amyl alcohol (TAA)                | 80.0 |  | "    | 100  |  | 80.0 | 70-130 |           |  |  |  |
| tert-Amyl methyl ether (TAME)          | 9.85 |  | "    | 10.0 |  | 98.5 | 70-130 |           |  |  |  |
| tert-Butyl alcohol (TBA)               | 33.2 |  | "    | 50.0 |  | 66.4 | 25-162 |           |  |  |  |
| tert-Butylbenzene                      | 10.6 |  | "    | 10.0 |  | 106  | 77-138 |           |  |  |  |
| Tetrachloroethylene                    | 10.6 |  | "    | 10.0 |  | 106  | 82-131 |           |  |  |  |
| Tetrahydrofuran                        | 10.7 |  | "    | 10.0 |  | 107  | 36-166 |           |  |  |  |
| Toluene                                | 11.8 |  | "    | 10.0 |  | 118  | 80-127 |           |  |  |  |
| trans-1,2-Dichloroethylene             | 12.2 |  | "    | 10.0 |  | 122  | 80-132 |           |  |  |  |
| trans-1,3-Dichloropropylene            | 12.5 |  | "    | 10.0 |  | 125  | 78-131 |           |  |  |  |
| trans-1,4-dichloro-2-butene            | 11.3 |  | "    | 10.0 |  | 113  | 63-141 |           |  |  |  |
| Trichloroethylene                      | 12.0 |  | "    | 10.0 |  | 120  | 82-128 |           |  |  |  |
| Trichlorofluoromethane                 | 12.8 |  | "    | 10.0 |  | 128  | 67-139 |           |  |  |  |
| Vinyl acetate                          | 12.5 |  | "    | 10.0 |  | 125  | 21-90  | High Bias |  |  |  |
| Vinyl Chloride                         | 13.2 |  | "    | 10.0 |  | 132  | 58-145 |           |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.82 |  | "    | 10.0 |  | 98.2 | 69-130 |           |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.2 |  | "    | 10.0 |  | 102  | 81-117 |           |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.4 |  | "    | 10.0 |  | 104  | 79-122 |           |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD   | RPD Limit | Flag     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-------|-----------|----------|
| <b>Batch BD51827 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |       |           |          |
| <b>LCS Dup (BD51827-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/23/2025 |             |           |       |           |          |
| 1,1,1,2-Tetrachloroethane                         | 12.3   |                 | ug/L  | 10.0        |                | 123                             | 82-126      |           | 0.648 | 30        |          |
| 1,1,1-Trichloroethane                             | 11.6   |                 | "     | 10.0        |                | 116                             | 78-136      |           | 4.31  | 30        |          |
| 1,1,2,2-Tetrachloroethane                         | 12.6   |                 | "     | 10.0        |                | 126                             | 76-129      |           | 7.59  | 30        |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 12.1   |                 | "     | 10.0        |                | 121                             | 54-165      |           | 3.34  | 30        |          |
| 1,1,2-Trichloroethane                             | 11.7   |                 | "     | 10.0        |                | 117                             | 82-123      |           | 5.46  | 30        |          |
| 1,1-Dichloroethane                                | 11.6   |                 | "     | 10.0        |                | 116                             | 82-129      |           | 2.21  | 30        |          |
| 1,1-Dichloroethylene                              | 12.9   |                 | "     | 10.0        |                | 129                             | 68-138      |           | 3.89  | 30        |          |
| 1,1-Dichloropropylene                             | 11.8   |                 | "     | 10.0        |                | 118                             | 83-133      |           | 3.74  | 30        |          |
| 1,2,3-Trichlorobenzene                            | 10.2   |                 | "     | 10.0        |                | 102                             | 76-136      |           | 10.1  | 30        |          |
| 1,2,3-Trichloropropane                            | 11.9   |                 | "     | 10.0        |                | 119                             | 77-128      |           | 5.01  | 30        |          |
| 1,2,4,5-Tetramethylbenzene                        | 11.0   |                 | "     | 10.0        |                | 110                             | 85-140      |           | 1.29  | 30        |          |
| 1,2,4-Trichlorobenzene                            | 10.4   |                 | "     | 10.0        |                | 104                             | 76-137      |           | 6.02  | 30        |          |
| 1,2,4-Trimethylbenzene                            | 11.6   |                 | "     | 10.0        |                | 116                             | 82-132      |           | 2.12  | 30        |          |
| 1,2-Dibromo-3-chloropropane                       | 11.2   |                 | "     | 10.0        |                | 112                             | 45-147      |           | 7.15  | 30        |          |
| 1,2-Dibromoethane                                 | 11.6   |                 | "     | 10.0        |                | 116                             | 83-124      |           | 3.94  | 30        |          |
| 1,2-Dichlorobenzene                               | 11.0   |                 | "     | 10.0        |                | 110                             | 79-123      |           | 2.67  | 30        |          |
| 1,2-Dichloroethane                                | 12.1   |                 | "     | 10.0        |                | 121                             | 73-132      |           | 4.83  | 30        |          |
| 1,2-Dichloropropane                               | 12.2   |                 | "     | 10.0        |                | 122                             | 78-126      |           | 0.410 | 30        |          |
| 1,3,5-Trimethylbenzene                            | 13.5   |                 | "     | 10.0        |                | 135                             | 80-131      | High Bias | 3.25  | 30        |          |
| 1,3-Dichlorobenzene                               | 10.9   |                 | "     | 10.0        |                | 109                             | 86-122      |           | 0.369 | 30        |          |
| 1,3-Dichloropropane                               | 11.8   |                 | "     | 10.0        |                | 118                             | 81-125      |           | 5.76  | 30        |          |
| 1,4-Dichlorobenzene                               | 10.9   |                 | "     | 10.0        |                | 109                             | 85-124      |           | 1.67  | 30        |          |
| 1,4-Dioxane                                       | 83.8   |                 | "     | 210         |                | 39.9                            | 10-349      |           | 59.3  | 30        | Non-dir. |
| 2,2-Dichloropropane                               | 10.6   |                 | "     | 10.0        |                | 106                             | 56-150      |           | 5.16  | 30        |          |
| 2-Butanone                                        | 13.9   |                 | "     | 10.0        |                | 139                             | 49-152      |           | 8.79  | 30        |          |
| 2-Chlorotoluene                                   | 11.5   |                 | "     | 10.0        |                | 115                             | 79-130      |           | 4.42  | 30        |          |
| 2-Hexanone                                        | 10.8   |                 | "     | 10.0        |                | 108                             | 51-146      |           | 12.5  | 30        |          |
| 4-Chlorotoluene                                   | 11.8   |                 | "     | 10.0        |                | 118                             | 79-128      |           | 3.08  | 30        |          |
| 4-Methyl-2-pentanone                              | 9.97   |                 | "     | 10.0        |                | 99.7                            | 57-145      |           | 11.0  | 30        |          |
| Acetone                                           | 10.7   |                 | "     | 10.0        |                | 107                             | 14-150      |           | 8.34  | 30        |          |
| Acrolein                                          | 13.8   |                 | "     | 10.0        |                | 138                             | 10-153      |           | 4.82  | 30        |          |
| Acrylonitrile                                     | 12.9   |                 | "     | 10.0        |                | 129                             | 51-150      |           | 9.44  | 30        |          |
| Benzene                                           | 11.7   |                 | "     | 10.0        |                | 117                             | 85-126      |           | 2.37  | 30        |          |
| Bromobenzene                                      | 11.9   |                 | "     | 10.0        |                | 119                             | 78-129      |           | 0.834 | 30        |          |
| Bromochloromethane                                | 12.3   |                 | "     | 10.0        |                | 123                             | 77-128      |           | 1.55  | 30        |          |
| Bromodichloromethane                              | 13.0   |                 | "     | 10.0        |                | 130                             | 79-128      | High Bias | 0.540 | 30        |          |
| Bromoform                                         | 12.1   |                 | "     | 10.0        |                | 121                             | 78-133      |           | 4.22  | 30        |          |
| Bromomethane                                      | 8.40   |                 | "     | 10.0        |                | 84.0                            | 43-168      |           | 8.11  | 30        |          |
| Carbon disulfide                                  | 13.4   |                 | "     | 10.0        |                | 134                             | 68-146      |           | 4.38  | 30        |          |
| Carbon tetrachloride                              | 12.4   |                 | "     | 10.0        |                | 124                             | 77-141      |           | 4.41  | 30        |          |
| Chlorobenzene                                     | 11.0   |                 | "     | 10.0        |                | 110                             | 88-120      |           | 0.991 | 30        |          |
| Chloroethane                                      | 12.1   |                 | "     | 10.0        |                | 121                             | 65-136      |           | 4.90  | 30        |          |
| Chloroform                                        | 11.0   |                 | "     | 10.0        |                | 110                             | 82-128      |           | 1.81  | 30        |          |
| Chloromethane                                     | 11.6   |                 | "     | 10.0        |                | 116                             | 43-155      |           | 7.56  | 30        |          |
| cis-1,2-Dichloroethylene                          | 11.6   |                 | "     | 10.0        |                | 116                             | 83-129      |           | 2.80  | 30        |          |
| cis-1,3-Dichloropropylene                         | 12.4   |                 | "     | 10.0        |                | 124                             | 80-131      |           | 0.890 | 30        |          |
| Cyclohexane                                       | 11.6   |                 | "     | 10.0        |                | 116                             | 63-149      |           | 2.90  | 30        |          |
| Dibromochloromethane                              | 12.3   |                 | "     | 10.0        |                | 123                             | 80-130      |           | 3.64  | 30        |          |
| Dibromomethane                                    | 10.4   |                 | "     | 10.0        |                | 104                             | 72-134      |           | 2.34  | 30        |          |
| Dichlorodifluoromethane                           | 14.0   |                 | "     | 10.0        |                | 140                             | 44-144      |           | 6.72  | 30        |          |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51827 - EPA 5030B

#### LCS Dup (BD51827-BSD1)

Prepared & Analyzed: 04/23/2025

|                                        |      |  |      |      |  |      |        |           |       |    |
|----------------------------------------|------|--|------|------|--|------|--------|-----------|-------|----|
| Diisopropyl ether (DIPE)               | 12.5 |  | ug/L | 10.0 |  | 125  | 70-130 |           | 2.75  | 30 |
| Ethyl Benzene                          | 0.00 |  | "    | 10.0 |  |      | 80-131 | Low Bias  |       | 30 |
| Ethyl tert-butyl ether (ETBE)          | 11.6 |  | "    | 10.0 |  | 116  | 70-130 |           | 6.14  | 30 |
| Hexachlorobutadiene                    | 9.40 |  | "    | 10.0 |  | 94.0 | 67-146 |           | 1.90  | 30 |
| Iodomethane                            | 7.94 |  | "    | 10.0 |  | 79.4 | 70-130 |           | 9.93  | 30 |
| Isopropylbenzene                       | 11.6 |  | "    | 10.0 |  | 116  | 76-140 |           | 4.71  | 30 |
| Methyl acetate                         | 7.99 |  | "    | 10.0 |  | 79.9 | 51-139 |           | 5.27  | 30 |
| Methyl Methacrylate                    | 11.5 |  | "    | 10.0 |  | 115  | 72-132 |           | 4.37  | 30 |
| Methyl tert-butyl ether (MTBE)         | 11.4 |  | "    | 10.0 |  | 114  | 76-135 |           | 9.76  | 30 |
| Methylcyclohexane                      | 11.7 |  | "    | 10.0 |  | 117  | 72-143 |           | 5.18  | 30 |
| Methylene chloride                     | 12.0 |  | "    | 10.0 |  | 120  | 55-137 |           | 0.916 | 30 |
| Naphthalene                            | 10.9 |  | "    | 10.0 |  | 109  | 70-147 |           | 12.7  | 30 |
| n-Butylbenzene                         | 12.1 |  | "    | 10.0 |  | 121  | 79-132 |           | 2.77  | 30 |
| n-Propylbenzene                        | 11.9 |  | "    | 10.0 |  | 119  | 78-133 |           | 4.36  | 30 |
| o-Xylene                               | 11.6 |  | "    | 10.0 |  | 116  | 78-130 |           | 1.70  | 30 |
| p- & m- Xylenes                        | 23.4 |  | "    | 20.0 |  | 117  | 77-133 |           | 2.90  | 30 |
| p-Diethylbenzene                       | 11.7 |  | "    | 10.0 |  | 117  | 84-134 |           | 1.61  | 30 |
| p-Ethyltoluene                         | 11.6 |  | "    | 10.0 |  | 116  | 88-129 |           | 4.71  | 30 |
| p-Isopropyltoluene                     | 12.1 |  | "    | 10.0 |  | 121  | 81-136 |           | 2.61  | 30 |
| sec-Butylbenzene                       | 11.8 |  | "    | 10.0 |  | 118  | 79-137 |           | 4.16  | 30 |
| Styrene                                | 12.3 |  | "    | 10.0 |  | 123  | 67-132 |           | 0.648 | 30 |
| tert-Amyl alcohol (TAA)                | 87.9 |  | "    | 100  |  | 87.9 | 70-130 |           | 9.47  | 30 |
| tert-Amyl methyl ether (TAME)          | 10.8 |  | "    | 10.0 |  | 108  | 70-130 |           | 8.92  | 30 |
| tert-Butyl alcohol (TBA)               | 43.5 |  | "    | 50.0 |  | 86.9 | 25-162 |           | 26.7  | 30 |
| tert-Butylbenzene                      | 10.2 |  | "    | 10.0 |  | 102  | 77-138 |           | 3.57  | 30 |
| Tetrachloroethylene                    | 10.0 |  | "    | 10.0 |  | 100  | 82-131 |           | 5.43  | 30 |
| Tetrahydrofuran                        | 13.2 |  | "    | 10.0 |  | 132  | 36-166 |           | 21.1  | 30 |
| Toluene                                | 11.5 |  | "    | 10.0 |  | 115  | 80-127 |           | 3.00  | 30 |
| trans-1,2-Dichloroethylene             | 11.8 |  | "    | 10.0 |  | 118  | 80-132 |           | 3.74  | 30 |
| trans-1,3-Dichloropropylene            | 12.9 |  | "    | 10.0 |  | 129  | 78-131 |           | 2.83  | 30 |
| trans-1,4-dichloro-2-butene            | 11.9 |  | "    | 10.0 |  | 119  | 63-141 |           | 5.01  | 30 |
| Trichloroethylene                      | 11.4 |  | "    | 10.0 |  | 114  | 82-128 |           | 4.95  | 30 |
| Trichlorofluoromethane                 | 12.2 |  | "    | 10.0 |  | 122  | 67-139 |           | 4.56  | 30 |
| Vinyl acetate                          | 13.7 |  | "    | 10.0 |  | 137  | 21-90  | High Bias | 9.19  | 30 |
| Vinyl Chloride                         | 12.3 |  | "    | 10.0 |  | 123  | 58-145 |           | 6.99  | 30 |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.98 |  | "    | 10.0 |  | 99.8 | 69-130 |           |       |    |
| Surrogate: SURR: Toluene-d8            | 10.1 |  | "    | 10.0 |  | 101  | 81-117 |           |       |    |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2 |  | "    | 10.0 |  | 102  | 79-122 |           |       |    |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD52170 - EPA 5030B

#### Blank (BD52170-BLK1)

Prepared & Analyzed: 04/29/2025

|                                                      |    |       |      |
|------------------------------------------------------|----|-------|------|
| 1,1,1,2-Tetrachloroethane                            | ND | 0.500 | ug/L |
| 1,1,1-Trichloroethane                                | ND | 0.500 | "    |
| 1,1,2,2-Tetrachloroethane                            | ND | 0.500 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND | 0.500 | "    |
| 1,1,2-Trichloroethane                                | ND | 0.500 | "    |
| 1,1-Dichloroethane                                   | ND | 0.500 | "    |
| 1,1-Dichloroethylene                                 | ND | 0.500 | "    |
| 1,1-Dichloropropylene                                | ND | 0.500 | "    |
| 1,2,3-Trichlorobenzene                               | ND | 0.500 | "    |
| 1,2,3-Trichloropropane                               | ND | 0.500 | "    |
| 1,2,4,5-Tetramethylbenzene                           | ND | 0.500 | "    |
| 1,2,4-Trichlorobenzene                               | ND | 0.500 | "    |
| 1,2,4-Trimethylbenzene                               | ND | 0.500 | "    |
| 1,2-Dibromo-3-chloropropane                          | ND | 0.500 | "    |
| 1,2-Dibromoethane                                    | ND | 0.500 | "    |
| 1,2-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,2-Dichloroethane                                   | ND | 0.500 | "    |
| 1,2-Dichloropropane                                  | ND | 0.500 | "    |
| 1,3,5-Trimethylbenzene                               | ND | 0.500 | "    |
| 1,3-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,3-Dichloropropane                                  | ND | 0.500 | "    |
| 1,4-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,4-Dioxane                                          | ND | 80.0  | "    |
| 2,2-Dichloropropane                                  | ND | 0.500 | "    |
| 2-Butanone                                           | ND | 0.500 | "    |
| 2-Chlorotoluene                                      | ND | 0.500 | "    |
| 2-Hexanone                                           | ND | 0.500 | "    |
| 4-Chlorotoluene                                      | ND | 0.500 | "    |
| 4-Methyl-2-pentanone                                 | ND | 0.500 | "    |
| Acetone                                              | ND | 2.00  | "    |
| Acrolein                                             | ND | 0.500 | "    |
| Acrylonitrile                                        | ND | 0.500 | "    |
| Benzene                                              | ND | 0.500 | "    |
| Bromobenzene                                         | ND | 0.500 | "    |
| Bromochloromethane                                   | ND | 0.500 | "    |
| Bromodichloromethane                                 | ND | 0.500 | "    |
| Bromoform                                            | ND | 0.500 | "    |
| Bromomethane                                         | ND | 0.500 | "    |
| Carbon disulfide                                     | ND | 0.500 | "    |
| Carbon tetrachloride                                 | ND | 0.500 | "    |
| Chlorobenzene                                        | ND | 0.500 | "    |
| Chloroethane                                         | ND | 0.500 | "    |
| Chloroform                                           | ND | 0.500 | "    |
| Chloromethane                                        | ND | 0.500 | "    |
| cis-1,2-Dichloroethylene                             | ND | 0.500 | "    |
| cis-1,3-Dichloropropylene                            | ND | 0.500 | "    |
| Cyclohexane                                          | ND | 0.500 | "    |
| Dibromochloromethane                                 | ND | 0.500 | "    |
| Dibromomethane                                       | ND | 0.500 | "    |
| Dichlorodifluoromethane                              | ND | 0.500 | "    |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD52170 - EPA 5030B

##### Blank (BD52170-BLK1)

Prepared & Analyzed: 04/29/2025

|                                |    |       |      |
|--------------------------------|----|-------|------|
| Diisopropyl ether (DIPE)       | ND | 0.800 | ug/L |
| Ethyl Benzene                  | ND | 0.500 | "    |
| Ethyl tert-butyl ether (ETBE)  | ND | 0.800 | "    |
| Hexachlorobutadiene            | ND | 0.500 | "    |
| Iodomethane                    | ND | 0.500 | "    |
| Isopropylbenzene               | ND | 0.500 | "    |
| Methyl acetate                 | ND | 0.500 | "    |
| Methyl Methacrylate            | ND | 0.500 | "    |
| Methyl tert-butyl ether (MTBE) | ND | 0.500 | "    |
| Methylcyclohexane              | ND | 0.500 | "    |
| Methylene chloride             | ND | 2.00  | "    |
| Naphthalene                    | ND | 2.00  | "    |
| n-Butylbenzene                 | ND | 0.500 | "    |
| n-Propylbenzene                | ND | 0.500 | "    |
| o-Xylene                       | ND | 0.500 | "    |
| p- & m- Xylenes                | ND | 1.00  | "    |
| p-Diethylbenzene               | ND | 0.500 | "    |
| p-Ethyltoluene                 | ND | 0.500 | "    |
| p-Isopropyltoluene             | ND | 0.500 | "    |
| sec-Butylbenzene               | ND | 0.500 | "    |
| Styrene                        | ND | 0.500 | "    |
| tert-Amyl alcohol (TAA)        | ND | 8.00  | "    |
| tert-Amyl methyl ether (TAME)  | ND | 0.800 | "    |
| tert-Butyl alcohol (TBA)       | ND | 1.00  | "    |
| tert-Butylbenzene              | ND | 0.500 | "    |
| Tetrachloroethylene            | ND | 0.500 | "    |
| Tetrahydrofuran                | ND | 0.500 | "    |
| Toluene                        | ND | 0.500 | "    |
| trans-1,2-Dichloroethylene     | ND | 0.500 | "    |
| trans-1,3-Dichloropropylene    | ND | 0.500 | "    |
| trans-1,4-dichloro-2-butene    | ND | 0.500 | "    |
| Trichloroethylene              | ND | 0.500 | "    |
| Trichlorofluoromethane         | ND | 0.500 | "    |
| Vinyl acetate                  | ND | 0.500 | "    |
| Vinyl Chloride                 | ND | 0.500 | "    |
| Xylenes, Total                 | ND | 1.50  | "    |

|                                        |      |   |      |      |        |
|----------------------------------------|------|---|------|------|--------|
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.2 | " | 10.0 | 102  | 69-130 |
| Surrogate: SURR: Toluene-d8            | 9.37 | " | 10.0 | 93.7 | 81-117 |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.6 | " | 10.0 | 106  | 79-122 |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                              | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag      | RPD | RPD<br>Limit | Flag |
|------------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|-----------|-----|--------------|------|
| <b>Batch BD52170 - EPA 5030B</b>                     |        |                    |       |                |                   |                                 |                |           |     |              |      |
| <b>LCS (BD52170-BS1)</b>                             |        |                    |       |                |                   | Prepared & Analyzed: 04/29/2025 |                |           |     |              |      |
| 1,1,1,2-Tetrachloroethane                            | 9.73   |                    | ug/L  | 10.0           |                   | 97.3                            | 82-126         |           |     |              |      |
| 1,1,1-Trichloroethane                                | 9.83   |                    | "     | 10.0           |                   | 98.3                            | 78-136         |           |     |              |      |
| 1,1,2,2-Tetrachloroethane                            | 8.50   |                    | "     | 10.0           |                   | 85.0                            | 76-129         |           |     |              |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | 10.8   |                    | "     | 10.0           |                   | 108                             | 54-165         |           |     |              |      |
| 1,1,2-Trichloroethane                                | 8.51   |                    | "     | 10.0           |                   | 85.1                            | 82-123         |           |     |              |      |
| 1,1-Dichloroethane                                   | 9.91   |                    | "     | 10.0           |                   | 99.1                            | 82-129         |           |     |              |      |
| 1,1-Dichloroethylene                                 | 11.2   |                    | "     | 10.0           |                   | 112                             | 68-138         |           |     |              |      |
| 1,1-Dichloropropylene                                | 10.3   |                    | "     | 10.0           |                   | 103                             | 83-133         |           |     |              |      |
| 1,2,3-Trichlorobenzene                               | 7.31   |                    | "     | 10.0           |                   | 73.1                            | 76-136         | Low Bias  |     |              |      |
| 1,2,3-Trichloropropane                               | 8.44   |                    | "     | 10.0           |                   | 84.4                            | 77-128         |           |     |              |      |
| 1,2,4,5-Tetramethylbenzene                           | 9.29   |                    | "     | 10.0           |                   | 92.9                            | 85-140         |           |     |              |      |
| 1,2,4-Trichlorobenzene                               | 7.99   |                    | "     | 10.0           |                   | 79.9                            | 76-137         |           |     |              |      |
| 1,2,4-Trimethylbenzene                               | 10.9   |                    | "     | 10.0           |                   | 109                             | 82-132         |           |     |              |      |
| 1,2-Dibromo-3-chloropropane                          | 7.42   |                    | "     | 10.0           |                   | 74.2                            | 45-147         |           |     |              |      |
| 1,2-Dibromoethane                                    | 8.53   |                    | "     | 10.0           |                   | 85.3                            | 83-124         |           |     |              |      |
| 1,2-Dichlorobenzene                                  | 9.43   |                    | "     | 10.0           |                   | 94.3                            | 79-123         |           |     |              |      |
| 1,2-Dichloroethane                                   | 8.86   |                    | "     | 10.0           |                   | 88.6                            | 73-132         |           |     |              |      |
| 1,2-Dichloropropane                                  | 9.86   |                    | "     | 10.0           |                   | 98.6                            | 78-126         |           |     |              |      |
| 1,3,5-Trimethylbenzene                               | 13.2   |                    | "     | 10.0           |                   | 132                             | 80-131         | High Bias |     |              |      |
| 1,3-Dichlorobenzene                                  | 9.99   |                    | "     | 10.0           |                   | 99.9                            | 86-122         |           |     |              |      |
| 1,3-Dichloropropane                                  | 8.74   |                    | "     | 10.0           |                   | 87.4                            | 81-125         |           |     |              |      |
| 1,4-Dichlorobenzene                                  | 9.58   |                    | "     | 10.0           |                   | 95.8                            | 85-124         |           |     |              |      |
| 1,4-Dioxane                                          | 174    |                    | "     | 210            |                   | 83.0                            | 10-349         |           |     |              |      |
| 2,2-Dichloropropane                                  | 10.2   |                    | "     | 10.0           |                   | 102                             | 56-150         |           |     |              |      |
| 2-Butanone                                           | 7.29   |                    | "     | 10.0           |                   | 72.9                            | 49-152         |           |     |              |      |
| 2-Chlorotoluene                                      | 10.7   |                    | "     | 10.0           |                   | 107                             | 79-130         |           |     |              |      |
| 2-Hexanone                                           | 6.22   |                    | "     | 10.0           |                   | 62.2                            | 51-146         |           |     |              |      |
| 4-Chlorotoluene                                      | 10.8   |                    | "     | 10.0           |                   | 108                             | 79-128         |           |     |              |      |
| 4-Methyl-2-pentanone                                 | 6.21   |                    | "     | 10.0           |                   | 62.1                            | 57-145         |           |     |              |      |
| Acetone                                              | 5.93   |                    | "     | 10.0           |                   | 59.3                            | 14-150         |           |     |              |      |
| Acrolein                                             | 5.46   |                    | "     | 10.0           |                   | 54.6                            | 10-153         |           |     |              |      |
| Acrylonitrile                                        | 7.80   |                    | "     | 10.0           |                   | 78.0                            | 51-150         |           |     |              |      |
| Benzene                                              | 10.2   |                    | "     | 10.0           |                   | 102                             | 85-126         |           |     |              |      |
| Bromobenzene                                         | 9.96   |                    | "     | 10.0           |                   | 99.6                            | 78-129         |           |     |              |      |
| Bromochloromethane                                   | 9.18   |                    | "     | 10.0           |                   | 91.8                            | 77-128         |           |     |              |      |
| Bromodichloromethane                                 | 9.24   |                    | "     | 10.0           |                   | 92.4                            | 79-128         |           |     |              |      |
| Bromoform                                            | 7.86   |                    | "     | 10.0           |                   | 78.6                            | 78-133         |           |     |              |      |
| Bromomethane                                         | 10.4   |                    | "     | 10.0           |                   | 104                             | 43-168         |           |     |              |      |
| Carbon disulfide                                     | 11.6   |                    | "     | 10.0           |                   | 116                             | 68-146         |           |     |              |      |
| Carbon tetrachloride                                 | 10.2   |                    | "     | 10.0           |                   | 102                             | 77-141         |           |     |              |      |
| Chlorobenzene                                        | 9.87   |                    | "     | 10.0           |                   | 98.7                            | 88-120         |           |     |              |      |
| Chloroethane                                         | 11.8   |                    | "     | 10.0           |                   | 118                             | 65-136         |           |     |              |      |
| Chloroform                                           | 9.62   |                    | "     | 10.0           |                   | 96.2                            | 82-128         |           |     |              |      |
| Chloromethane                                        | 10.9   |                    | "     | 10.0           |                   | 109                             | 43-155         |           |     |              |      |
| cis-1,2-Dichloroethylene                             | 9.96   |                    | "     | 10.0           |                   | 99.6                            | 83-129         |           |     |              |      |
| cis-1,3-Dichloropropylene                            | 9.03   |                    | "     | 10.0           |                   | 90.3                            | 80-131         |           |     |              |      |
| Cyclohexane                                          | 5.02   |                    | "     | 10.0           |                   | 50.2                            | 63-149         | Low Bias  |     |              |      |
| Dibromochloromethane                                 | 8.65   |                    | "     | 10.0           |                   | 86.5                            | 80-130         |           |     |              |      |
| Dibromomethane                                       | 8.37   |                    | "     | 10.0           |                   | 83.7                            | 72-134         |           |     |              |      |
| Dichlorodifluoromethane                              | 9.74   |                    | "     | 10.0           |                   | 97.4                            | 44-144         |           |     |              |      |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD52170 - EPA 5030B

#### LCS (BD52170-BS1)

Prepared & Analyzed: 04/29/2025

|                                        |      |  |      |      |  |      |        |           |  |  |  |
|----------------------------------------|------|--|------|------|--|------|--------|-----------|--|--|--|
| Diisopropyl ether (DIPE)               | 9.10 |  | ug/L | 10.0 |  | 91.0 | 70-130 |           |  |  |  |
| Ethyl Benzene                          | 10.9 |  | "    | 10.0 |  | 109  | 80-131 |           |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | 7.88 |  | "    | 10.0 |  | 78.8 | 70-130 |           |  |  |  |
| Hexachlorobutadiene                    | 11.8 |  | "    | 10.0 |  | 118  | 67-146 |           |  |  |  |
| Iodomethane                            | 10.9 |  | "    | 10.0 |  | 109  | 70-130 |           |  |  |  |
| Isopropylbenzene                       | 11.5 |  | "    | 10.0 |  | 115  | 76-140 |           |  |  |  |
| Methyl acetate                         | 4.83 |  | "    | 10.0 |  | 48.3 | 51-139 | Low Bias  |  |  |  |
| Methyl Methacrylate                    | 7.80 |  | "    | 10.0 |  | 78.0 | 72-132 |           |  |  |  |
| Methyl tert-butyl ether (MTBE)         | 7.37 |  | "    | 10.0 |  | 73.7 | 76-135 | Low Bias  |  |  |  |
| Methylcyclohexane                      | 10.5 |  | "    | 10.0 |  | 105  | 72-143 |           |  |  |  |
| Methylene chloride                     | 9.30 |  | "    | 10.0 |  | 93.0 | 55-137 |           |  |  |  |
| Naphthalene                            | 7.56 |  | "    | 10.0 |  | 75.6 | 70-147 |           |  |  |  |
| n-Butylbenzene                         | 11.2 |  | "    | 10.0 |  | 112  | 79-132 |           |  |  |  |
| n-Propylbenzene                        | 11.4 |  | "    | 10.0 |  | 114  | 78-133 |           |  |  |  |
| o-Xylene                               | 10.4 |  | "    | 10.0 |  | 104  | 78-130 |           |  |  |  |
| p- & m- Xylenes                        | 21.8 |  | "    | 20.0 |  | 109  | 77-133 |           |  |  |  |
| p-Diethylbenzene                       | 10.8 |  | "    | 10.0 |  | 108  | 84-134 |           |  |  |  |
| p-Ethyltoluene                         | 13.2 |  | "    | 10.0 |  | 132  | 88-129 | High Bias |  |  |  |
| p-Isopropyltoluene                     | 11.7 |  | "    | 10.0 |  | 117  | 81-136 |           |  |  |  |
| sec-Butylbenzene                       | 11.3 |  | "    | 10.0 |  | 113  | 79-137 |           |  |  |  |
| Styrene                                | 10.9 |  | "    | 10.0 |  | 109  | 67-132 |           |  |  |  |
| tert-Amyl alcohol (TAA)                | 42.7 |  | "    | 100  |  | 42.7 | 70-130 | Low Bias  |  |  |  |
| tert-Amyl methyl ether (TAME)          | 7.17 |  | "    | 10.0 |  | 71.7 | 70-130 |           |  |  |  |
| tert-Butyl alcohol (TBA)               | 19.9 |  | "    | 50.0 |  | 39.8 | 25-162 |           |  |  |  |
| tert-Butylbenzene                      | 9.66 |  | "    | 10.0 |  | 96.6 | 77-138 |           |  |  |  |
| Tetrachloroethylene                    | 9.21 |  | "    | 10.0 |  | 92.1 | 82-131 |           |  |  |  |
| Tetrahydrofuran                        | 6.83 |  | "    | 10.0 |  | 68.3 | 36-166 |           |  |  |  |
| Toluene                                | 10.4 |  | "    | 10.0 |  | 104  | 80-127 |           |  |  |  |
| trans-1,2-Dichloroethylene             | 10.4 |  | "    | 10.0 |  | 104  | 80-132 |           |  |  |  |
| trans-1,3-Dichloropropylene            | 8.61 |  | "    | 10.0 |  | 86.1 | 78-131 |           |  |  |  |
| trans-1,4-dichloro-2-butene            | 6.27 |  | "    | 10.0 |  | 62.7 | 63-141 | Low Bias  |  |  |  |
| Trichloroethylene                      | 10.2 |  | "    | 10.0 |  | 102  | 82-128 |           |  |  |  |
| Trichlorofluoromethane                 | 12.0 |  | "    | 10.0 |  | 120  | 67-139 |           |  |  |  |
| Vinyl acetate                          | 6.41 |  | "    | 10.0 |  | 64.1 | 21-90  |           |  |  |  |
| Vinyl Chloride                         | 11.1 |  | "    | 10.0 |  | 111  | 58-145 |           |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 8.63 |  | "    | 10.0 |  | 86.3 | 69-130 |           |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.1 |  | "    | 10.0 |  | 101  | 81-117 |           |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2 |  | "    | 10.0 |  | 102  | 79-122 |           |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                              | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag     | RPD   | Limit | Flag |
|------------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|----------|-------|-------|------|
| <b>Batch BD52170 - EPA 5030B</b>                     |        |                    |       |                |                   |                                 |                |          |       |       |      |
| <b>LCS Dup (BD52170-BSD1)</b>                        |        |                    |       |                |                   | Prepared & Analyzed: 04/29/2025 |                |          |       |       |      |
| 1,1,1,2-Tetrachloroethane                            | 9.81   |                    | ug/L  | 10.0           |                   | 98.1                            | 82-126         |          | 0.819 | 30    |      |
| 1,1,1-Trichloroethane                                | 9.42   |                    | "     | 10.0           |                   | 94.2                            | 78-136         |          | 4.26  | 30    |      |
| 1,1,2,2-Tetrachloroethane                            | 9.99   |                    | "     | 10.0           |                   | 99.9                            | 76-129         |          | 16.1  | 30    |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | 10.1   |                    | "     | 10.0           |                   | 101                             | 54-165         |          | 6.90  | 30    |      |
| 1,1,2-Trichloroethane                                | 9.25   |                    | "     | 10.0           |                   | 92.5                            | 82-123         |          | 8.33  | 30    |      |
| 1,1-Dichloroethane                                   | 9.78   |                    | "     | 10.0           |                   | 97.8                            | 82-129         |          | 1.32  | 30    |      |
| 1,1-Dichloroethylene                                 | 10.5   |                    | "     | 10.0           |                   | 105                             | 68-138         |          | 6.82  | 30    |      |
| 1,1-Dichloropropylene                                | 9.87   |                    | "     | 10.0           |                   | 98.7                            | 83-133         |          | 4.65  | 30    |      |
| 1,2,3-Trichlorobenzene                               | 9.02   |                    | "     | 10.0           |                   | 90.2                            | 76-136         |          | 20.9  | 30    |      |
| 1,2,3-Trichloropropane                               | 9.96   |                    | "     | 10.0           |                   | 99.6                            | 77-128         |          | 16.5  | 30    |      |
| 1,2,4,5-Tetramethylbenzene                           | 9.58   |                    | "     | 10.0           |                   | 95.8                            | 85-140         |          | 3.07  | 30    |      |
| 1,2,4-Trichlorobenzene                               | 8.98   |                    | "     | 10.0           |                   | 89.8                            | 76-137         |          | 11.7  | 30    |      |
| 1,2,4-Trimethylbenzene                               | 10.6   |                    | "     | 10.0           |                   | 106                             | 82-132         |          | 2.97  | 30    |      |
| 1,2-Dibromo-3-chloropropane                          | 8.57   |                    | "     | 10.0           |                   | 85.7                            | 45-147         |          | 14.4  | 30    |      |
| 1,2-Dibromoethane                                    | 9.42   |                    | "     | 10.0           |                   | 94.2                            | 83-124         |          | 9.92  | 30    |      |
| 1,2-Dichlorobenzene                                  | 9.90   |                    | "     | 10.0           |                   | 99.0                            | 79-123         |          | 4.86  | 30    |      |
| 1,2-Dichloroethane                                   | 9.80   |                    | "     | 10.0           |                   | 98.0                            | 73-132         |          | 10.1  | 30    |      |
| 1,2-Dichloropropane                                  | 9.63   |                    | "     | 10.0           |                   | 96.3                            | 78-126         |          | 2.36  | 30    |      |
| 1,3,5-Trimethylbenzene                               | 12.6   |                    | "     | 10.0           |                   | 126                             | 80-131         |          | 4.90  | 30    |      |
| 1,3-Dichlorobenzene                                  | 10.0   |                    | "     | 10.0           |                   | 100                             | 86-122         |          | 0.400 | 30    |      |
| 1,3-Dichloropropane                                  | 9.39   |                    | "     | 10.0           |                   | 93.9                            | 81-125         |          | 7.17  | 30    |      |
| 1,4-Dichlorobenzene                                  | 9.73   |                    | "     | 10.0           |                   | 97.3                            | 85-124         |          | 1.55  | 30    |      |
| 1,4-Dioxane                                          | 189    |                    | "     | 210            |                   | 89.8                            | 10-349         |          | 7.83  | 30    |      |
| 2,2-Dichloropropane                                  | 9.71   |                    | "     | 10.0           |                   | 97.1                            | 56-150         |          | 5.41  | 30    |      |
| 2-Butanone                                           | 9.37   |                    | "     | 10.0           |                   | 93.7                            | 49-152         |          | 25.0  | 30    |      |
| 2-Chlorotoluene                                      | 10.3   |                    | "     | 10.0           |                   | 103                             | 79-130         |          | 3.24  | 30    |      |
| 2-Hexanone                                           | 7.97   |                    | "     | 10.0           |                   | 79.7                            | 51-146         |          | 24.7  | 30    |      |
| 4-Chlorotoluene                                      | 10.4   |                    | "     | 10.0           |                   | 104                             | 79-128         |          | 3.12  | 30    |      |
| 4-Methyl-2-pentanone                                 | 7.80   |                    | "     | 10.0           |                   | 78.0                            | 57-145         |          | 22.7  | 30    |      |
| Acetone                                              | 7.54   |                    | "     | 10.0           |                   | 75.4                            | 14-150         |          | 23.9  | 30    |      |
| Acrolein                                             | 6.50   |                    | "     | 10.0           |                   | 65.0                            | 10-153         |          | 17.4  | 30    |      |
| Acrylonitrile                                        | 10.1   |                    | "     | 10.0           |                   | 101                             | 51-150         |          | 25.6  | 30    |      |
| Benzene                                              | 10.0   |                    | "     | 10.0           |                   | 100                             | 85-126         |          | 1.87  | 30    |      |
| Bromobenzene                                         | 10.2   |                    | "     | 10.0           |                   | 102                             | 78-129         |          | 2.28  | 30    |      |
| Bromochloromethane                                   | 9.82   |                    | "     | 10.0           |                   | 98.2                            | 77-128         |          | 6.74  | 30    |      |
| Bromodichloromethane                                 | 9.39   |                    | "     | 10.0           |                   | 93.9                            | 79-128         |          | 1.61  | 30    |      |
| Bromoform                                            | 8.95   |                    | "     | 10.0           |                   | 89.5                            | 78-133         |          | 13.0  | 30    |      |
| Bromomethane                                         | 9.19   |                    | "     | 10.0           |                   | 91.9                            | 43-168         |          | 12.8  | 30    |      |
| Carbon disulfide                                     | 10.8   |                    | "     | 10.0           |                   | 108                             | 68-146         |          | 6.68  | 30    |      |
| Carbon tetrachloride                                 | 9.73   |                    | "     | 10.0           |                   | 97.3                            | 77-141         |          | 4.72  | 30    |      |
| Chlorobenzene                                        | 9.46   |                    | "     | 10.0           |                   | 94.6                            | 88-120         |          | 4.24  | 30    |      |
| Chloroethane                                         | 10.6   |                    | "     | 10.0           |                   | 106                             | 65-136         |          | 10.6  | 30    |      |
| Chloroform                                           | 9.74   |                    | "     | 10.0           |                   | 97.4                            | 82-128         |          | 1.24  | 30    |      |
| Chloromethane                                        | 9.42   |                    | "     | 10.0           |                   | 94.2                            | 43-155         |          | 14.7  | 30    |      |
| cis-1,2-Dichloroethylene                             | 9.89   |                    | "     | 10.0           |                   | 98.9                            | 83-129         |          | 0.705 | 30    |      |
| cis-1,3-Dichloropropylene                            | 9.21   |                    | "     | 10.0           |                   | 92.1                            | 80-131         |          | 1.97  | 30    |      |
| Cyclohexane                                          | 4.74   |                    | "     | 10.0           |                   | 47.4                            | 63-149         | Low Bias | 5.74  | 30    |      |
| Dibromochloromethane                                 | 9.30   |                    | "     | 10.0           |                   | 93.0                            | 80-130         |          | 7.24  | 30    |      |
| Dibromomethane                                       | 8.92   |                    | "     | 10.0           |                   | 89.2                            | 72-134         |          | 6.36  | 30    |      |
| Dichlorodifluoromethane                              | 8.88   |                    | "     | 10.0           |                   | 88.8                            | 44-144         |          | 9.24  | 30    |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag | RPD  | Limit | Flag     |
|----------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|------|------|-------|----------|
| <b>Batch BD52170 - EPA 5030B</b>       |        |                    |       |                |                   |                                 |                |      |      |       |          |
| <b>LCS Dup (BD52170-BSD1)</b>          |        |                    |       |                |                   | Prepared & Analyzed: 04/29/2025 |                |      |      |       |          |
| Diisopropyl ether (DIPE)               | 10.1   |                    | ug/L  | 10.0           |                   | 101                             | 70-130         |      | 10.3 | 30    |          |
| Ethyl Benzene                          | 10.2   |                    | "     | 10.0           |                   | 102                             | 80-131         |      | 7.13 | 30    |          |
| Ethyl tert-butyl ether (ETBE)          | 9.45   |                    | "     | 10.0           |                   | 94.5                            | 70-130         |      | 18.1 | 30    |          |
| Hexachlorobutadiene                    | 12.0   |                    | "     | 10.0           |                   | 120                             | 67-146         |      | 1.93 | 30    |          |
| Iodomethane                            | 10.1   |                    | "     | 10.0           |                   | 101                             | 70-130         |      | 7.44 | 30    |          |
| Isopropylbenzene                       | 10.7   |                    | "     | 10.0           |                   | 107                             | 76-140         |      | 7.67 | 30    |          |
| Methyl acetate                         | 6.15   |                    | "     | 10.0           |                   | 61.5                            | 51-139         |      | 24.0 | 30    |          |
| Methyl Methacrylate                    | 9.46   |                    | "     | 10.0           |                   | 94.6                            | 72-132         |      | 19.2 | 30    |          |
| Methyl tert-butyl ether (MTBE)         | 9.13   |                    | "     | 10.0           |                   | 91.3                            | 76-135         |      | 21.3 | 30    |          |
| Methylcyclohexane                      | 9.51   |                    | "     | 10.0           |                   | 95.1                            | 72-143         |      | 9.90 | 30    |          |
| Methylene chloride                     | 9.60   |                    | "     | 10.0           |                   | 96.0                            | 55-137         |      | 3.17 | 30    |          |
| Naphthalene                            | 9.43   |                    | "     | 10.0           |                   | 94.3                            | 70-147         |      | 22.0 | 30    |          |
| n-Butylbenzene                         | 11.0   |                    | "     | 10.0           |                   | 110                             | 79-132         |      | 1.90 | 30    |          |
| n-Propylbenzene                        | 10.8   |                    | "     | 10.0           |                   | 108                             | 78-133         |      | 5.50 | 30    |          |
| o-Xylene                               | 10.1   |                    | "     | 10.0           |                   | 101                             | 78-130         |      | 3.41 | 30    |          |
| p- & m- Xylenes                        | 20.3   |                    | "     | 20.0           |                   | 102                             | 77-133         |      | 7.13 | 30    |          |
| p-Diethylbenzene                       | 10.6   |                    | "     | 10.0           |                   | 106                             | 84-134         |      | 2.25 | 30    |          |
| p-Ethyltoluene                         | 12.6   |                    | "     | 10.0           |                   | 126                             | 88-129         |      | 4.89 | 30    |          |
| p-Isopropyltoluene                     | 11.4   |                    | "     | 10.0           |                   | 114                             | 81-136         |      | 2.86 | 30    |          |
| sec-Butylbenzene                       | 10.9   |                    | "     | 10.0           |                   | 109                             | 79-137         |      | 3.07 | 30    |          |
| Styrene                                | 10.7   |                    | "     | 10.0           |                   | 107                             | 67-132         |      | 2.13 | 30    |          |
| tert-Amyl alcohol (TAA)                | 77.8   |                    | "     | 100            |                   | 77.8                            | 70-130         |      | 58.3 | 30    | Non-dir. |
| tert-Amyl methyl ether (TAME)          | 8.87   |                    | "     | 10.0           |                   | 88.7                            | 70-130         |      | 21.2 | 30    |          |
| tert-Butyl alcohol (TBA)               | 37.9   |                    | "     | 50.0           |                   | 75.8                            | 25-162         |      | 62.4 | 30    | Non-dir. |
| tert-Butylbenzene                      | 9.37   |                    | "     | 10.0           |                   | 93.7                            | 77-138         |      | 3.05 | 30    |          |
| Tetrachloroethylene                    | 8.46   |                    | "     | 10.0           |                   | 84.6                            | 82-131         |      | 8.49 | 30    |          |
| Tetrahydrofuran                        | 9.18   |                    | "     | 10.0           |                   | 91.8                            | 36-166         |      | 29.4 | 30    |          |
| Toluene                                | 9.53   |                    | "     | 10.0           |                   | 95.3                            | 80-127         |      | 8.54 | 30    |          |
| trans-1,2-Dichloroethylene             | 9.81   |                    | "     | 10.0           |                   | 98.1                            | 80-132         |      | 5.65 | 30    |          |
| trans-1,3-Dichloropropylene            | 9.21   |                    | "     | 10.0           |                   | 92.1                            | 78-131         |      | 6.73 | 30    |          |
| trans-1,4-dichloro-2-butene            | 8.00   |                    | "     | 10.0           |                   | 80.0                            | 63-141         |      | 24.2 | 30    |          |
| Trichloroethylene                      | 9.22   |                    | "     | 10.0           |                   | 92.2                            | 82-128         |      | 9.90 | 30    |          |
| Trichlorofluoromethane                 | 10.9   |                    | "     | 10.0           |                   | 109                             | 67-139         |      | 9.72 | 30    |          |
| Vinyl acetate                          | 7.72   |                    | "     | 10.0           |                   | 77.2                            | 21-90          |      | 18.5 | 30    |          |
| Vinyl Chloride                         | 9.93   |                    | "     | 10.0           |                   | 99.3                            | 58-145         |      | 10.8 | 30    |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.57   |                    | "     | 10.0           |                   | 95.7                            | 69-130         |      |      |       |          |
| Surrogate: SURR: Toluene-d8            | 9.68   |                    | "     | 10.0           |                   | 96.8                            | 81-117         |      |      |       |          |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2   |                    | "     | 10.0           |                   | 102                             | 79-122         |      |      |       |          |



## Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51552 - EPA 3535A

##### Blank (BD51552-BLK1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                           |      |       |      |      |  |     |          |  |  |  |  |
|---------------------------|------|-------|------|------|--|-----|----------|--|--|--|--|
| 1,4-Dioxane               | ND   | 0.300 | ug/L |      |  |     |          |  |  |  |  |
| Surrogate: 1,4-Dioxane-d8 | 4.80 |       | "    | 4.00 |  | 120 | 36.6-118 |  |  |  |  |

##### LCS (BD51552-BS1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                           |      |       |      |      |  |      |          |  |  |  |  |
|---------------------------|------|-------|------|------|--|------|----------|--|--|--|--|
| 1,4-Dioxane               | 3.36 | 0.300 | ug/L | 4.00 |  | 84.0 | 50-130   |  |  |  |  |
| Surrogate: 1,4-Dioxane-d8 | 3.36 |       | "    | 4.00 |  | 84.0 | 36.6-118 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

Batch BD51580 - EPA 1633 Prep

Blank (BD51580-BLK1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                    |      |      |      |      |  |     |        |  |  |  |  |
|----------------------------------------------------|------|------|------|------|--|-----|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | ND   | 1.77 | ng/L |      |  |     |        |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | ND   | 1.83 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | ND   | 1.86 | "    |      |  |     |        |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotridecanoic acid (PFTTrDA)                | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSAA                                          | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSAA                                          | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | ND   | 1.91 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | ND   | 1.93 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND   | 7.60 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND   | 7.68 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND   | 3.56 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | ND   | 1.88 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND   | 7.50 | "    |      |  |     |        |  |  |  |  |
| HFPO-DA (Gen-X)                                    | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| 11CL-PF3OUdS                                       | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| 9CL-PF3ONS                                         | ND   | 7.48 | "    |      |  |     |        |  |  |  |  |
| ADONA                                              | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)             | ND   | 1.94 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | ND   | 1.92 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPPrPA)          | ND   | 5.00 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)           | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSE                                           | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSE                                           | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Surrogate: M3PFBS                                  | 32.1 |      | "    | 23.3 |  | 138 | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                 | 31.6 |      | "    | 25.0 |  | 126 | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                 | 32.3 |      | "    | 25.0 |  | 129 | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                 | 34.0 |      | "    | 23.7 |  | 144 | 25-150 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

#### Batch BD51580 - EPA 1633 Prep

##### Blank (BD51580-BLK1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 34.1 |  | ng/L | 25.0 |  | 136  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 14.4 |  | "    | 12.5 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 13.0 |  | "    | 12.5 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.4 |  | "    | 12.5 |  | 90.9 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.91 |  | "    | 12.5 |  | 79.3 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 24.5 |  | "    | 100  |  | 24.5 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 29.5 |  | "    | 24.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 56.8 |  | "    | 50.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.9 |  | "    | 25.0 |  | 144  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 71.9 |  | "    | 50.0 |  | 144  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 75.3 |  | "    | 50.0 |  | 151  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 72.8 |  | "    | 47.6 |  | 153  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 90.3 |  | "    | 48.0 |  | 188  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.6 |  | "    | 12.5 |  | 125  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 66.7 |  | "    | 46.9 |  | 142  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 18.5 |  | "    | 25.0 |  | 74.2 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 15.7 |  | "    | 25.0 |  | 62.8 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 121  |  | "    | 100  |  | 121  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 250  |  | "    | 250  |  | 99.8 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 256  |  | "    | 250  |  | 102  | 25-150 |  |  |  |  |

##### LCS (BD51580-BS1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                    |      |      |      |      |  |      |        |  |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 28.6 | 1.77 | ng/L | 35.4 |  | 80.7 | 50-150 |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 32.3 | 2.00 | "    | 40.0 |  | 80.7 | 50-150 |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 31.8 | 2.00 | "    | 40.0 |  | 79.4 | 50-150 |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 31.4 | 1.83 | "    | 36.6 |  | 85.7 | 50-150 |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 31.9 | 2.00 | "    | 40.0 |  | 79.8 | 50-150 |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 29.1 | 1.86 | "    | 37.2 |  | 78.3 | 50-150 |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 30.2 | 2.00 | "    | 40.0 |  | 75.6 | 50-150 |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 33.2 | 2.00 | "    | 40.0 |  | 83.1 | 50-150 |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 36.6 | 2.00 | "    | 40.0 |  | 91.5 | 50-150 |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 32.0 | 2.00 | "    | 40.0 |  | 79.9 | 50-150 |  |  |  |  |
| Perfluorotridecanoic acid (PFTrDA)                 | 33.2 | 2.00 | "    | 40.0 |  | 83.1 | 50-150 |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 30.7 | 2.00 | "    | 40.0 |  | 76.7 | 50-150 |  |  |  |  |
| N-MeFOSAA                                          | 32.1 | 2.00 | "    | 40.0 |  | 80.3 | 50-150 |  |  |  |  |
| N-EtFOSAA                                          | 33.6 | 2.00 | "    | 40.0 |  | 84.0 | 50-150 |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 65.0 | 4.00 | "    | 80.0 |  | 81.2 | 50-150 |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 29.0 | 2.00 | "    | 40.0 |  | 72.4 | 50-150 |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 31.6 | 1.91 | "    | 38.2 |  | 82.7 | 50-150 |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 29.0 | 1.93 | "    | 38.6 |  | 75.0 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 133  | 7.60 | "    | 152  |  | 87.7 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 133  | 7.68 | "    | 154  |  | 86.9 | 50-150 |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 136  | 8.00 | "    | 160  |  | 85.3 | 50-150 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                                   | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | Limit | Flag |
|-----------------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-------|------|
| Batch BD51580 - EPA 1633 Prep                             |        |                 |       |             |                |                                           |             |          |     |       |      |
| LCS (BD51580-BS1)                                         |        |                 |       |             |                | Prepared: 04/22/2025 Analyzed: 04/23/2025 |             |          |     |       |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)            | 56.9   | 3.56            | ng/L  | 71.2        |                | 79.9                                      | 50-150      |          |     |       |      |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)                 | 70.1   | 4.00            | "     | 80.0        |                | 87.6                                      | 50-150      |          |     |       |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | 38.7   | 4.00            | "     | 80.0        |                | 48.4                                      | 50-150      | Low Bias |     |       |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | 70.9   | 4.00            | "     | 80.0        |                | 88.6                                      | 50-150      |          |     |       |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | 30.7   | 1.88            | "     | 37.6        |                | 81.6                                      | 50-150      |          |     |       |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 122    | 7.50            | "     | 150         |                | 81.4                                      | 50-150      |          |     |       |      |
| HFPO-DA (Gen-X)                                           | 78.8   | 8.00            | "     | 80.0        |                | 98.6                                      | 50-150      |          |     |       |      |
| 11CL-PF3OUdS                                              | 59.2   | 7.56            | "     | 75.6        |                | 78.3                                      | 50-150      |          |     |       |      |
| 9CL-PF3ONS                                                | 66.6   | 7.48            | "     | 74.8        |                | 89.0                                      | 50-150      |          |     |       |      |
| ADONA                                                     | 71.7   | 7.56            | "     | 75.6        |                | 94.9                                      | 50-150      |          |     |       |      |
| Perfluorododecanesulfonic acid (PFDoS)                    | 23.3   | 1.94            | "     | 38.8        |                | 60.1                                      | 50-150      |          |     |       |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 26.5   | 1.92            | "     | 38.4        |                | 69.1                                      | 50-150      |          |     |       |      |
| 3-Perfluoropropyl propanoic acid (FPPrPA)                 | 124    | 5.00            | "     | 160         |                | 77.7                                      | 50-150      |          |     |       |      |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 714    | 25.0            | "     | 800         |                | 89.2                                      | 50-150      |          |     |       |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 763    | 25.0            | "     | 800         |                | 95.4                                      | 50-150      |          |     |       |      |
| N-MeFOSE                                                  | 334    | 20.0            | "     | 400         |                | 83.4                                      | 50-150      |          |     |       |      |
| N-MeFOSA                                                  | 36.8   | 2.00            | "     | 40.0        |                | 92.0                                      | 50-150      |          |     |       |      |
| N-EtFOSE                                                  | 355    | 20.0            | "     | 400         |                | 88.7                                      | 50-150      |          |     |       |      |
| N-EtFOSA                                                  | 30.8   | 2.00            | "     | 40.0        |                | 77.0                                      | 50-150      |          |     |       |      |
| Surrogate: M3PFBS                                         | 28.4   |                 | "     | 23.3        |                | 122                                       | 25-150      |          |     |       |      |
| Surrogate: M5PFHxA                                        | 32.0   |                 | "     | 25.0        |                | 128                                       | 25-150      |          |     |       |      |
| Surrogate: M4PFHpA                                        | 33.2   |                 | "     | 25.0        |                | 133                                       | 25-150      |          |     |       |      |
| Surrogate: M3PFHxS                                        | 29.2   |                 | "     | 23.7        |                | 123                                       | 25-150      |          |     |       |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 31.2   |                 | "     | 25.0        |                | 125                                       | 25-150      |          |     |       |      |
| Surrogate: M6PFDA                                         | 14.7   |                 | "     | 12.5        |                | 117                                       | 25-150      |          |     |       |      |
| Surrogate: M7PFUDa                                        | 12.8   |                 | "     | 12.5        |                | 102                                       | 25-150      |          |     |       |      |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.1   |                 | "     | 12.5        |                | 96.7                                      | 25-150      |          |     |       |      |
| Surrogate: M2PFTeDA                                       | 10.4   |                 | "     | 12.5        |                | 83.3                                      | 10-150      |          |     |       |      |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 34.8   |                 | "     | 100         |                | 34.8                                      | 25-150      |          |     |       |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.6   |                 | "     | 24.0        |                | 141                                       | 25-150      |          |     |       |      |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 58.4   |                 | "     | 50.0        |                | 117                                       | 25-150      |          |     |       |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.0   |                 | "     | 25.0        |                | 140                                       | 10-150      |          |     |       |      |
| Surrogate: d3-N-MeFOSAA                                   | 69.3   |                 | "     | 50.0        |                | 139                                       | 25-150      |          |     |       |      |
| Surrogate: d5-N-EtFOSAA                                   | 70.5   |                 | "     | 50.0        |                | 141                                       | 25-150      |          |     |       |      |
| Surrogate: M2-6:2 FTS                                     | 66.4   |                 | "     | 47.6        |                | 140                                       | 25-200      |          |     |       |      |
| Surrogate: M2-8:2 FTS                                     | 79.8   |                 | "     | 48.0        |                | 166                                       | 25-200      |          |     |       |      |
| Surrogate: M9PFNA                                         | 15.5   |                 | "     | 12.5        |                | 124                                       | 25-150      |          |     |       |      |
| Surrogate: M2-4:2 FTS                                     | 62.0   |                 | "     | 46.9        |                | 132                                       | 25-150      |          |     |       |      |
| Surrogate: d-N-MeFOSA                                     | 15.0   |                 | "     | 25.0        |                | 60.0                                      | 25-150      |          |     |       |      |
| Surrogate: d-N-EtFOSA                                     | 13.3   |                 | "     | 25.0        |                | 53.3                                      | 25-150      |          |     |       |      |
| Surrogate: M3HFPO-DA                                      | 113    |                 | "     | 100         |                | 113                                       | 25-150      |          |     |       |      |





## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                            | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|----------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD51580 - EPA 1633 Prep</b>               |        |                 |       |             |                |                                           |             |          |     |           |      |
| <b>LCS (BD51580-BS1)</b>                           |        |                 |       |             |                | Prepared: 04/22/2025 Analyzed: 04/23/2025 |             |          |     |           |      |
| Surrogate: d9-N-EtFOSE                             | 219    |                 | ng/L  | 250         |                | 87.5                                      | 25-150      |          |     |           |      |
| Surrogate: d7-N-MeFOSE                             | 236    |                 | "     | 250         |                | 94.3                                      | 25-150      |          |     |           |      |
| <b>LCS (BD51580-BS2)</b>                           |        |                 |       |             |                | Prepared: 04/22/2025 Analyzed: 04/23/2025 |             |          |     |           |      |
| Perfluorobutanesulfonic acid (PFBS)                | 2.97   | 1.77            | ng/L  | 3.54        |                | 84.0                                      | 50-150      |          |     |           |      |
| Perfluorohexanoic acid (PFHxA)                     | 3.05   | 2.00            | "     | 4.00        |                | 76.3                                      | 50-150      |          |     |           |      |
| Perfluoroheptanoic acid (PFHpA)                    | 3.15   | 2.00            | "     | 4.00        |                | 78.8                                      | 50-150      |          |     |           |      |
| Perfluorohexanesulfonic acid (PFHxS)               | 2.46   | 1.83            | "     | 3.66        |                | 67.3                                      | 50-150      |          |     |           |      |
| Perfluorooctanoic acid (PFOA)                      | 2.87   | 2.00            | "     | 4.00        |                | 71.8                                      | 50-150      |          |     |           |      |
| Perfluorooctanesulfonic acid (PFOS)                | 2.25   | 1.86            | "     | 3.72        |                | 60.6                                      | 50-150      |          |     |           |      |
| Perfluorononanoic acid (PFNA)                      | 3.28   | 2.00            | "     | 4.00        |                | 81.9                                      | 50-150      |          |     |           |      |
| Perfluorodecanoic acid (PFDA)                      | 3.42   | 2.00            | "     | 4.00        |                | 85.4                                      | 50-150      |          |     |           |      |
| Perfluoroundecanoic acid (PFUnA)                   | 3.91   | 2.00            | "     | 4.00        |                | 97.7                                      | 50-150      |          |     |           |      |
| Perfluorododecanoic acid (PFDoA)                   | 3.07   | 2.00            | "     | 4.00        |                | 76.7                                      | 50-150      |          |     |           |      |
| Perfluorotridecanoic acid (PFTriDA)                | 3.16   | 2.00            | "     | 4.00        |                | 79.0                                      | 50-150      |          |     |           |      |
| Perfluorotetradecanoic acid (PFTA)                 | 3.17   | 2.00            | "     | 4.00        |                | 79.2                                      | 50-150      |          |     |           |      |
| N-MeFOSAA                                          | 3.38   | 2.00            | "     | 4.00        |                | 84.4                                      | 50-150      |          |     |           |      |
| N-EtFOSAA                                          | 2.31   | 2.00            | "     | 4.00        |                | 57.7                                      | 50-150      |          |     |           |      |
| Perfluoropentanoic acid (PFPeA)                    | 6.43   | 4.00            | "     | 8.00        |                | 80.3                                      | 50-150      |          |     |           |      |
| Perfluoro-1-octanesulfonamide (FOSA)               | 2.83   | 2.00            | "     | 4.00        |                | 70.8                                      | 50-150      |          |     |           |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 2.78   | 1.91            | "     | 3.82        |                | 72.8                                      | 50-150      |          |     |           |      |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 2.65   | 1.93            | "     | 3.86        |                | 68.6                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 10.8   | 7.60            | "     | 15.2        |                | 71.4                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 11.3   | 7.68            | "     | 15.4        |                | 73.3                                      | 50-150      |          |     |           |      |
| Perfluoro-n-butanoic acid (PFBA)                   | 12.1   | 8.00            | "     | 16.0        |                | 75.5                                      | 50-150      |          |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 4.81   | 3.56            | "     | 7.12        |                | 67.6                                      | 50-150      |          |     |           |      |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 5.30   | 4.00            | "     | 8.00        |                | 66.3                                      | 50-150      |          |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 3.17   | 4.00            | "     | 8.00        |                | 39.6                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 6.52   | 4.00            | "     | 8.00        |                | 81.5                                      | 50-150      |          |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 2.91   | 1.88            | "     | 3.76        |                | 77.5                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 11.6   | 7.50            | "     | 15.0        |                | 77.2                                      | 50-150      |          |     |           |      |
| HFPO-DA (Gen-X)                                    | 5.23   | 8.00            | "     | 8.00        |                | 65.4                                      | 50-150      |          |     |           |      |
| 11CL-PF3OUdS                                       | 4.73   | 7.56            | "     | 7.56        |                | 62.6                                      | 50-150      |          |     |           |      |
| 9CL-PF3ONS                                         | 4.57   | 7.48            | "     | 7.48        |                | 61.0                                      | 50-150      |          |     |           |      |
| ADONA                                              | 5.55   | 7.56            | "     | 7.56        |                | 73.5                                      | 50-150      |          |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)             | 1.31   | 1.94            | "     | 3.88        |                | 33.8                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 2.89   | 1.92            | "     | 3.84        |                | 75.2                                      | 50-150      |          |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | 12.1   | 5.00            | "     | 16.0        |                | 75.5                                      | 50-150      |          |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 66.1   | 25.0            | "     | 80.0        |                | 82.6                                      | 50-150      |          |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | 69.2   | 25.0            | "     | 80.0        |                | 86.5                                      | 50-150      |          |     |           |      |
| N-MeFOSE                                           | 30.9   | 20.0            | "     | 40.0        |                | 77.2                                      | 50-150      |          |     |           |      |
| N-MeFOSA                                           | 3.08   | 2.00            | "     | 4.00        |                | 77.1                                      | 50-150      |          |     |           |      |
| N-EtFOSE                                           | 28.1   | 20.0            | "     | 40.0        |                | 70.3                                      | 50-150      |          |     |           |      |
| N-EtFOSA                                           | 2.13   | 2.00            | "     | 4.00        |                | 53.2                                      | 50-150      |          |     |           |      |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

Batch BD51580 - EPA 1633 Prep

LCS (BD51580-BS2)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M3PFBS                                         | 28.8 |  | ng/L | 23.3 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 31.5 |  | "    | 25.0 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 32.5 |  | "    | 25.0 |  | 130  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 30.3 |  | "    | 23.7 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 30.9 |  | "    | 25.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 12.9 |  | "    | 12.5 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 12.2 |  | "    | 12.5 |  | 97.9 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.1 |  | "    | 12.5 |  | 96.8 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.1 |  | "    | 12.5 |  | 80.8 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 21.6 |  | "    | 100  |  | 21.6 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 31.6 |  | "    | 24.0 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 57.3 |  | "    | 50.0 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 30.9 |  | "    | 25.0 |  | 124  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 57.0 |  | "    | 50.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 61.5 |  | "    | 50.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 62.5 |  | "    | 47.6 |  | 131  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 59.8 |  | "    | 48.0 |  | 125  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.3 |  | "    | 12.5 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 62.2 |  | "    | 46.9 |  | 133  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 14.3 |  | "    | 25.0 |  | 57.2 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 11.1 |  | "    | 25.0 |  | 44.4 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 124  |  | "    | 100  |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 200  |  | "    | 250  |  | 80.1 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 211  |  | "    | 250  |  | 84.4 | 25-150 |  |  |  |  |

Duplicate (BD51580-DUP1)

\*Source sample: 25D1148-03 (FMW-24)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                          |       |      |      |  |       |  |  |  |      |    |  |
|------------------------------------------|-------|------|------|--|-------|--|--|--|------|----|--|
| Perfluorobutanesulfonic acid (PFBS)      | 2.15  | 1.73 | ng/L |  | 2.08  |  |  |  | 3.29 | 30 |  |
| Perfluorohexanoic acid (PFHxA)           | 5.92  | 1.95 | "    |  | 5.62  |  |  |  | 5.31 | 30 |  |
| Perfluoroheptanoic acid (PFHpA)          | 5.73  | 1.95 | "    |  | 5.60  |  |  |  | 2.38 | 30 |  |
| Perfluorohexanesulfonic acid (PFHxS)     | 2.51  | 1.79 | "    |  | 3.18  |  |  |  | 23.4 | 30 |  |
| Perfluorooctanoic acid (PFOA)            | 14.6  | 1.95 | "    |  | 14.4  |  |  |  | 1.55 | 30 |  |
| Perfluorooctanesulfonic acid (PFOS)      | ND    | 1.82 | "    |  | 0.934 |  |  |  |      | 30 |  |
| Perfluorononanoic acid (PFNA)            | 0.588 | 1.95 | "    |  | 0.754 |  |  |  | 24.8 | 30 |  |
| Perfluorodecanoic acid (PFDA)            | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| Perfluoroundecanoic acid (PFUnA)         | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| Perfluorododecanoic acid (PFDoA)         | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| Perfluorotridecanoic acid (PFTTrDA)      | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| Perfluorotetradecanoic acid (PFTA)       | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| N-MeFOSAA                                | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| N-EtFOSAA                                | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| Perfluoropentanoic acid (PFPeA)          | 4.92  | 3.90 | "    |  | 4.81  |  |  |  | 2.30 | 30 |  |
| Perfluoro-1-octanesulfonamide (FOSA)     | ND    | 1.95 | "    |  | ND    |  |  |  |      | 30 |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | ND    | 1.86 | "    |  | ND    |  |  |  |      | 30 |  |
| Perfluoro-1-decanesulfonic acid (PFDS)   | ND    | 1.88 | "    |  | ND    |  |  |  |      | 30 |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

Batch BD51580 - EPA 1633 Prep

|                                                           |      |                                     |      |      |      |                                           |        |  |      |    |  |
|-----------------------------------------------------------|------|-------------------------------------|------|------|------|-------------------------------------------|--------|--|------|----|--|
| <b>Duplicate (BD51580-DUP1)</b>                           |      | *Source sample: 25D1148-03 (FMW-24) |      |      |      | Prepared: 04/22/2025 Analyzed: 04/23/2025 |        |  |      |    |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)        | ND   | 7.42                                | ng/L |      | ND   |                                           |        |  |      | 30 |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)        | ND   | 7.50                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Perfluoro-n-butanoic acid (PFBA)                          | 7.87 | 7.81                                | "    |      | 7.66 |                                           |        |  | 2.70 | 30 |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFESA)            | ND   | 3.48                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)                 | ND   | 3.90                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND   | 3.90                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND   | 3.90                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | ND   | 1.84                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND   | 7.32                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| HFPO-DA (Gen-X)                                           | ND   | 7.81                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| 11CL-PF3OUdS                                              | ND   | 7.38                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| 9CL-PF3ONS                                                | ND   | 7.30                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| ADONA                                                     | ND   | 7.38                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | ND   | 1.89                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | ND   | 1.87                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)                  | ND   | 4.88                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | ND   | 24.4                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | ND   | 24.4                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| N-MeFOSE                                                  | ND   | 19.5                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| N-MeFOSA                                                  | ND   | 1.95                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| N-EtFOSE                                                  | ND   | 19.5                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| N-EtFOSA                                                  | ND   | 1.95                                | "    |      | ND   |                                           |        |  |      | 30 |  |
| Surrogate: M3PFBS                                         | 26.0 |                                     | "    | 22.7 |      | 114                                       | 25-150 |  |      |    |  |
| Surrogate: M5PFHxA                                        | 30.0 |                                     | "    | 24.4 |      | 123                                       | 25-150 |  |      |    |  |
| Surrogate: M4PFHpA                                        | 30.0 |                                     | "    | 24.4 |      | 123                                       | 25-150 |  |      |    |  |
| Surrogate: M3PFHxS                                        | 28.4 |                                     | "    | 23.1 |      | 123                                       | 25-150 |  |      |    |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 31.8 |                                     | "    | 24.4 |      | 130                                       | 25-150 |  |      |    |  |
| Surrogate: M6PFDA                                         | 12.3 |                                     | "    | 12.2 |      | 101                                       | 25-150 |  |      |    |  |
| Surrogate: M7PFUDa                                        | 10.5 |                                     | "    | 12.2 |      | 85.9                                      | 25-150 |  |      |    |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 7.39 |                                     | "    | 12.2 |      | 60.5                                      | 25-150 |  |      |    |  |
| Surrogate: M2PFTeDA                                       | 4.20 |                                     | "    | 12.2 |      | 34.4                                      | 10-150 |  |      |    |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 87.2 |                                     | "    | 97.6 |      | 89.3                                      | 25-150 |  |      |    |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 28.7 |                                     | "    | 23.4 |      | 123                                       | 25-150 |  |      |    |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 59.4 |                                     | "    | 48.8 |      | 122                                       | 25-150 |  |      |    |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 27.6 |                                     | "    | 24.4 |      | 113                                       | 10-150 |  |      |    |  |
| Surrogate: d3-N-MeFOSAA                                   | 43.7 |                                     | "    | 48.8 |      | 89.5                                      | 25-150 |  |      |    |  |
| Surrogate: d5-N-EtFOSAA                                   | 45.3 |                                     | "    | 48.8 |      | 92.9                                      | 25-150 |  |      |    |  |
| Surrogate: M2-6:2 FTS                                     | 61.7 |                                     | "    | 46.4 |      | 133                                       | 25-200 |  |      |    |  |
| Surrogate: M2-8:2 FTS                                     | 52.5 |                                     | "    | 46.9 |      | 112                                       | 25-200 |  |      |    |  |
| Surrogate: M9PFNA                                         | 15.1 |                                     | "    | 12.2 |      | 124                                       | 25-150 |  |      |    |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

Batch BD51580 - EPA 1633 Prep

Duplicate (BD51580-DUP1) \*Source sample: 25D1148-03 (FMW-24) Prepared: 04/22/2025 Analyzed: 04/23/2025

|                        |      |  |      |      |  |      |        |  |  |  |  |
|------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M2-4:2 FTS  | 60.9 |  | ng/L | 45.8 |  | 133  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA  | 14.7 |  | "    | 24.4 |  | 60.1 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA  | 10.7 |  | "    | 24.4 |  | 44.0 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA   | 121  |  | "    | 97.6 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE | 153  |  | "    | 244  |  | 62.7 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE | 174  |  | "    | 244  |  | 71.1 | 25-150 |  |  |  |  |



Gas Chromatography/Flame Ionization Detector - Quality Control Data  
York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

Batch BD51446 - Preparation for GC Analysis

Blank (BD51446-BLK1)

Prepared & Analyzed: 04/19/2025

|                           |    |      |      |  |  |  |        |  |  |  |  |
|---------------------------|----|------|------|--|--|--|--------|--|--|--|--|
| Ethylene Glycol           | ND | 10.0 | mg/L |  |  |  |        |  |  |  |  |
| Propylene Glycol          | ND | 10.0 | "    |  |  |  |        |  |  |  |  |
| Surrogate: 1,4-Butanediol | ND |      | "    |  |  |  | 30-130 |  |  |  |  |

Duplicate (BD51446-DUP1)

\*Source sample: 25D1148-08 (Field Blank)

Prepared & Analyzed: 04/19/2025

|                           |    |      |      |  |    |  |        |  |  |    |  |
|---------------------------|----|------|------|--|----|--|--------|--|--|----|--|
| Ethylene Glycol           | ND | 10.0 | mg/L |  | ND |  |        |  |  | 25 |  |
| Propylene Glycol          | ND | 10.0 | "    |  | ND |  |        |  |  | 25 |  |
| Surrogate: 1,4-Butanediol | ND |      | "    |  |    |  | 30-130 |  |  |    |  |



### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 25D1148-01 | Hanger E MW-1    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1148-05 | MW-58D           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1148-06 | FMW-39           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1148-07 | MW-59D           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1148-08 | Field Blank      | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1148-09 | Trip Blank       | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |



### Sample and Data Qualifiers Relating to This Work Order

|          |                                                                                                                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S-HI     | Surrogate recovery is above acceptance limits. No target compound is detected in sample.                                                                                                           |
| S-08     | The recovery of this surrogate was outside of QC limits.                                                                                                                                           |
| QL-02    | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| PFSu-L   | The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                        |
| PFSu-H   | The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                        |
| PF-LCS-L | The LCS recovery for this PFAS compound was below control limits.                                                                                                                                  |
| PF-CCV-L | The CCV recovery for this PFAS compound was below control limits.                                                                                                                                  |
| PF-CCV-H | The CCV recovery for this PFAS compound was above control limits.                                                                                                                                  |
| J        | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.                            |
| ICVE     | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).                                     |
| CCVE     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |

### Definitions and Other Explanations

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *           | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.                                                                                                                                                                                                                                                                                                                       |
| ND          | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)                                                                                                                                                                                                                                                                                                                                              |
| RL          | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.                                                                                                                                                                                                                                                                                                                         |
| LOQ         | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.                                                             |
| LOD         | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.                                                                                                                                                               |
| MDL         | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.                                                                                                        |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.                                                                                         |
| NR          | Not reported                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RPD         | Relative Percent Difference                                                                                                                                                                                                                                                                                                                                                                                                          |
| Wet         | The data has been reported on an as-received (wet weight) basis                                                                                                                                                                                                                                                                                                                                                                      |
| Low Bias    | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.   |
| High Bias   | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias. |





**Non-Dir.** Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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**Corrective Action:** Upon receipt, only two vials were provided for the Trip Blank, sample -09.  
The COC indicating 3 vials.



# Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project Number

2501148

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

Page 1 of 1

| Report To:                                                                                                                                                                                |          | Invoice To:                                                                                                                                |               | YOUR Project Name / Number                         |             | Samples Collected From                                |                 | Turn-Around Time               |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------|-------------|-------------------------------------------------------|-----------------|--------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|--------|------------------|--------|-------------------|----------------------|-----------------------------------------------------------|--|
| Company: WSP                                                                                                                                                                              | Company: | Address: 500 Summit Lake Dr Valhalla NY                                                                                                    | Address: Same | Westchester County Airport (WCA)                   |             | NY                                                    | CT              | RUSH - Next Day                |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
| Phone: 914 329 1342                                                                                                                                                                       | Phone:   | Contact: John Bervegna                                                                                                                     | Contact:      | PO Number                                          |             | NJ                                                    | PA              | RUSH - Two Day                 |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
| E-mail: John.Bervegna@wsp.com                                                                                                                                                             | E-mail:  |                                                                                                                                            |               | US00 33899.2856                                    |             | Analyses Requested                                    |                 | RUSH - Three Day               |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
| Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved. |          | Matrix Codes<br>S - soil/solid/sludge<br>GW - groundwater<br>DW - drinking water<br>SW - surface water<br>WW - wastewater<br>O - Oil Other |               | Preservative<br>(please list number of containers) |             | PFAS 1633<br>8260 full list<br>1,4-Dioxane<br>Glycols |                 | RUSH - Four Day                |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 | RUSH - Five Day                |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
| Samples Collected by: (print AND sign your name)<br>Mike Reiff                                                                                                                            |          |                                                                                                                                            |               |                                                    |             |                                                       |                 | Standard (6-9 Day)             |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 | PFAS Standard 7-10 Day         |                                                |                         |                                                              |        |                  |        |                   |                      |                                                           |  |
| Sample Identification                                                                                                                                                                     |          | Date                                                                                                                                       | Time          | Matrix                                             | Unpreserved | HCl (hydrochloric acid)                               | MeOH (methanol) | HNO <sub>3</sub> (nitric acid) | H <sub>2</sub> SO <sub>4</sub> (sulfuric acid) | NaOH (sodium hydroxide) | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (sodium thio.) | Trizma | Ammonium Acetate | Other: | Grab or Comp. G/C | Report Type (circle) |                                                           |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | QA Report                                                 |  |
| Hanger E MW-1                                                                                                                                                                             |          | 4/16/25                                                                                                                                    | 1100          | GW                                                 | 3           |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | Summary (Results Only)                                    |  |
| Hanger E MW-4                                                                                                                                                                             |          |                                                                                                                                            | 1115          |                                                    | 2           |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | NY ASP B Package                                          |  |
| FMW-2U                                                                                                                                                                                    |          |                                                                                                                                            | 1150          |                                                    | 2           |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | NJ Reduced                                                |  |
| FMW-2R                                                                                                                                                                                    |          |                                                                                                                                            | 1220          |                                                    | 2           |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | NJ DKQP                                                   |  |
| MW-5BD                                                                                                                                                                                    |          |                                                                                                                                            | 1320          |                                                    | 2           | 3                                                     |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | NJ Full                                                   |  |
| FMW-39                                                                                                                                                                                    |          |                                                                                                                                            | 1355          |                                                    | 4           | 3                                                     |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | CT RCP                                                    |  |
| MW-59D                                                                                                                                                                                    |          |                                                                                                                                            | 1445          |                                                    | 2           | 3                                                     |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | EDD Type (circle)                                         |  |
| Field Blank                                                                                                                                                                               |          | ✓                                                                                                                                          | 1515          | DI                                                 | 3           | 3                                                     |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | EQUIS (standard)                                          |  |
| Trip Blank                                                                                                                                                                                |          | -                                                                                                                                          | -             | DI                                                 | 3           | 3                                                     |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | NYSDEC EQUIS                                              |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | NJDEP SRP Haz Site                                        |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | Standard Excel                                            |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | CMDP                                                      |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | Other:                                                    |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | Regulatory Comparative                                    |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | Compared to the following Regulation(s): (please fill in) |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | Field Filtered                                            |  |
|                                                                                                                                                                                           |          |                                                                                                                                            |               |                                                    |             |                                                       |                 |                                |                                                |                         |                                                              |        |                  |        |                   |                      | Lab Filtered                                              |  |

## Comments:

## Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N  
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N  
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

| 1. Samples Relinquished by / Company |  | Date/Time     | 2. Samples Received by / Company |  | Date/Time     |
|--------------------------------------|--|---------------|----------------------------------|--|---------------|
| A. F. Husam                          |  | 4/16/25 1530  | A. F. Husam                      |  | 4/17/25 1159  |
| A. F. Husam                          |  | 4/17/25 1159  | A. F. Husam                      |  | 4/17/25 1159  |
| A. F. Husam                          |  | 4/17/25 20:55 | A. F. Husam                      |  | 4/17/25 20:55 |



# Technical Report

prepared for:

**WSP USA, Inc. (White Plains, NY)**

500 Summit Lake Drive, Suite 450

Valhalla NY, 10595

**Attention: John Benvegna**

Report Date: 04/30/2025

**Client Project ID: Westchester County Airport (WCA)**

York Project (SDG) No.: 25D1227

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/30/2025  
Client Project ID: Westchester County Airport (WCA)  
York Project (SDG) No.: 25D1227

**WSP USA, Inc. (White Plains, NY)**  
500 Summit Lake Drive, Suite 450  
Valhalla NY, 10595  
Attention: John Benvegna

---

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 18, 2025 and listed below. The project was identified as your project: **Westchester County Airport (WCA)**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

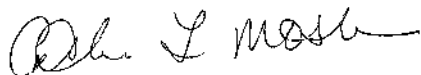
Please contact Client Services at 203.325.1371 with any questions regarding this report.

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 25D1227-01            | MW-64                   | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-02            | FMW-14                  | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-03            | MW-52                   | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-04            | FMW-23                  | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-05            | MW-53                   | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-06            | FMW-37                  | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-07            | MW-7S                   | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-08            | FMW-35                  | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-09            | FMW-40                  | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-10            | FMW-31                  | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-11            | Field Duplicate         | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-12            | Field Blank             | Ground Water  | 04/17/2025            | 04/18/2025           |
| 25D1227-13            | Trip Blank              | Ground Water  | 04/17/2025            | 04/18/2025           |

## **General Notes for York Project (SDG) No.: 25D1227**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 04/30/2025







## Sample Information

**Client Sample ID:** MW-64

**York Sample ID:** 25D1227-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result       | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND           |       | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND           |       | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND           |       | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND           |       | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND           |       | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND           |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND           |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND           |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND           | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND           |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND           |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND           |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND           |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND           |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND           |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND           |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 107-06-2 | <b>1,2-Dichloroethane</b>                            | <b>0.770</b> |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND           |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND           |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND           |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND           |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND           |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |



## Sample Information

**Client Sample ID:** MW-64

**York Sample ID:** 25D1227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 123-91-1 | 1,4-Dioxane              | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 594-20-7 | 2,2-Dichloropropane      | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 78-93-3  | 2-Butanone               | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 95-49-8  | 2-Chlorotoluene          | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 591-78-6 | 2-Hexanone               | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 106-43-4 | 4-Chlorotoluene          | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone     | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 67-64-1  | Acetone                  | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 107-02-8 | Acrolein                 | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 107-13-1 | Acrylonitrile            | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 71-43-2  | Benzene                  | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-86-1 | Bromobenzene             | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 74-97-5  | Bromochloromethane       | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-27-4  | Bromodichloromethane     | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-25-2  | Bromoform                | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 74-83-9  | Bromomethane             | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-15-0  | Carbon disulfide         | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 56-23-5  | Carbon tetrachloride     | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-90-7 | Chlorobenzene            | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-00-3  | Chloroethane             | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 67-66-3  | Chloroform               | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 74-87-3  | Chloromethane            | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 156-59-2 | cis-1,2-Dichloroethylene | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |





## Sample Information

**Client Sample ID:** MW-64

**York Sample ID:** 25D1227-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND     |       | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 110-82-7    | Cyclohexane                    | 0.660  | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 124-48-1    | Dibromochloromethane           | ND     |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 74-95-3     | Dibromomethane                 | ND     |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-71-8     | Dichlorodifluoromethane        | ND     |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |       | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | QL-02 | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |       | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 0.440  | QL-02 | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-09-2     | Methylene chloride             | ND     |       | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 91-20-3     | Naphthalene                    | ND     |       | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |       | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |       | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 95-47-6     | o-Xylene                       | ND     |       | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |       | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |       | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |       | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |



## Sample Information

**Client Sample ID:** MW-64

**York Sample ID:** 25D1227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-85-4                     | tert-Amyl alcohol (TAA)                   | ND            | CCVE,<br>QL-02          | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 994-05-8                    | tert-Amyl methyl ether (TAME)             | ND            |                         | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            | CCVE                    | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 127-18-4                    | <b>Tetrachloroethylene</b>                | <b>3.14</b>   |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            | CCVE,<br>QL-02          | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 75-01-4                     | <b>Vinyl Chloride</b>                     | <b>1.42</b>   |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 17:49      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 104 %         | 69-130                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 95.1 %        | 81-117                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 104 %         | 79-122                  |       |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:



## Sample Information

**Client Sample ID:** MW-64

**York Sample ID:** 25D1227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 73.3   |      | ng/L  | 0.482                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 320    |      | ng/L  | 0.359                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 172    |      | ng/L  | 0.729                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 1620   |      | ng/L  | 13.6                   | 36.6 | 2        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:59      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 1010   |      | ng/L  | 8.40                   | 40.0 | 2        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:59      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 9040   |      | ng/L  | 16.4                   | 37.2 | 2        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:59      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 42.8   |      | ng/L  | 0.534                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | 8.15   |      | ng/L  | 0.770                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | 24.8   |      | ng/L  | 1.16                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.903                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.760                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.708                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.811                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.06                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 365    |      | ng/L  | 0.236                  | 4.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | 63.3   |      | ng/L  | 0.903                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 95.1   |      | ng/L  | 0.934                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.35                   | 1.98 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 304    |      | ng/L  | 7.70                   | 7.80 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 128    |      | ng/L  | 2.10                   | 7.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 96.4   |      | ng/L  | 0.339                  | 8.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.513                  | 3.65 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |



## Sample Information

**Client Sample ID:** MW-64

**York Sample ID:** 25D1227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                              | Result        | Flag                    | Units  | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|--------------------------------------------------------|---------------|-------------------------|--------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6                 | Perfluoro-3,6-dioxaheptanoic acid<br>(NFDHA)           | ND            |                         | ng/L   | 2.20                   | 4.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 377-73-1                    | Perfluoro-4-oxapentanoic acid<br>(PFMPA)               | ND            |                         | ng/L   | 0.257                  | 4.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 863090-89-5                 | Perfluoro-5-oxahexanoic acid<br>(PFMBA)                | ND            |                         | ng/L   | 0.380                  | 4.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 2706-91-4                   | <b>Perfluoro-1-pentanesulfonate<br/>(PFPeS)</b>        | <b>100</b>    |                         | ng/L   | 0.780                  | 1.93 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 757124-72-4                 | 1H,1H,2H,2H-Perfluorohexanesulfon<br>ic acid (4:2 FTS) | ND            |                         | ng/L   | 1.84                   | 7.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 13252-13-6                  | HFPO-DA (Gen-X)                                        | ND            |                         | ng/L   | 3.32                   | 8.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 763051-92-9                 | 11CL-PF3OUdS                                           | ND            |                         | ng/L   | 1.42                   | 7.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 756426-58-1                 | 9CL-PF3ONS                                             | ND            |                         | ng/L   | 0.719                  | 7.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 919005-14-4                 | ADONA                                                  | ND            |                         | ng/L   | 0.544                  | 7.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid<br>(PFDoS)            | ND            |                         | ng/L   | 0.955                  | 1.99 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 68259-12-1                  | <b>* Perfluoro-1-nonanesulfonic acid<br/>(PFNS)</b>    | <b>0.934</b>  | J                       | ng/L   | 0.883                  | 1.97 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA)          | ND            |                         | ng/L   | 2.08                   | 5.13 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid<br>(FPePA)          | ND            |                         | ng/L   | 7.52                   | 25.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)          | ND            |                         | ng/L   | 9.72                   | 25.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 24448-09-7                  | * N-MeFOSE                                             | ND            |                         | ng/L   | 4.10                   | 20.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 31506-32-8                  | * N-MeFOSA                                             | ND            |                         | ng/L   | 1.62                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 1691-99-2                   | * N-EtFOSE                                             | ND            |                         | ng/L   | 4.10                   | 20.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| 4151-50-2                   | * N-EtFOSA                                             | ND            |                         | ng/L   | 1.85                   | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/22/2025 12:36      | 04/23/2025 18:16      | AM      |
| <b>Surrogate Recoveries</b> |                                                        | <b>Result</b> | <b>Acceptance Range</b> |        |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                      | 146 %         | 25-150                  |        |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                      | 130 %         | 25-150                  |        |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHxA                   | Surrogate: M5PFHxA                                     | 137 %         | 25-150                  |        |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHxA                   | Surrogate: M5PFHxA                                     | 123 %         | 25-150                  |        |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHpA                   | Surrogate: M4PFHpA                                     | 146 %         | 25-150                  |        |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHpA                   | Surrogate: M4PFHpA                                     | 112 %         | 25-150                  |        |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHxS                   | Surrogate: M3PFHxS                                     | 152 %         | PFSu-H                  | 25-150 |                        |      |          |                                                               |                       |                       |         |



## Sample Information

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York Project (SDG) No.

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Matrix

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25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                                     | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|---------------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C3PFHXS   | Surrogate: M3PFHxS                                            | 121 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOA    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 140 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOA    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 126 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C6PFDA    | Surrogate: M6PFDA                                             | 115 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C6PFDA    | Surrogate: M6PFDA                                             | 93.7 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C7PFUNA   | Surrogate: M7PFUdA                                            | 100 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C7PFUNA   | Surrogate: M7PFUdA                                            | 78.0 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 960315-52-0 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 88.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 960315-52-0 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 51.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA  | Surrogate: M2PFTeDA                                           | 65.9 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA  | Surrogate: M2PFTeDA                                           | 30.6 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 67.3 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 99.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 146 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 151 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 128 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 148 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 150 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 156 %  | PFSu-H |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA | Surrogate: d3-N-MeFOSAA                                       | 136 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA | Surrogate: d3-N-MeFOSAA                                       | 151 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA                                       | 146 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA | Surrogate: d5-N-EtFOSAA                                       | 142 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS                                         | 169 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-6:2FTS   | Surrogate: M2-6:2 FTS                                         | 323 %  | PFSu-H |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS                                         | 155 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS   | Surrogate: M2-8:2 FTS                                         | 177 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA                                             | 150 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C9PFNA    | Surrogate: M9PFNA                                             | 113 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS                                         | 175 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS   | Surrogate: M2-4:2 FTS                                         | 295 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4 | Surrogate: d-N-MeFOSA                                         | 72.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-64

**York Sample ID:** 25D1227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 9:10 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 936109-37-4  | Surrogate: d-N-MeFOSA  | 61.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA  | 62.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA  | 47.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA   | 135 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA   | 120 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE | 91.3 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE | 47.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE | 99.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE | 68.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:00 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |       | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |       | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |       | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |       | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |       | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |





## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:00 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result       | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND           |      | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND           |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND           |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND           |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND           |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND           |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND           |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND           |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND           |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND           |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND           |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND           |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND           | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND           |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 78-93-3  | 2-Butanone                   | ND           |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND           |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 591-78-6 | 2-Hexanone                   | ND           |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 106-43-4 | 4-Chlorotoluene              | ND           |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone         | ND           |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 67-64-1  | Acetone                      | ND           |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 107-02-8 | Acrolein                     | ND           |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 107-13-1 | Acrylonitrile                | ND           |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 71-43-2  | <b>Benzene</b>               | <b>0.470</b> |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |





## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:00 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                     | Result      | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|-------------------------------|-------------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-86-1   | Bromobenzene                  | ND          |       | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 74-97-5    | Bromochloromethane            | ND          |       | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-27-4    | Bromodichloromethane          | ND          |       | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-25-2    | Bromoform                     | ND          |       | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 74-83-9    | Bromomethane                  | ND          |       | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-15-0    | Carbon disulfide              | ND          |       | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 56-23-5    | Carbon tetrachloride          | ND          |       | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 108-90-7   | <b>Chlorobenzene</b>          | <b>4.07</b> |       | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-00-3    | Chloroethane                  | ND          |       | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 67-66-3    | Chloroform                    | ND          |       | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 74-87-3    | Chloromethane                 | ND          |       | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene      | ND          |       | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene     | ND          |       | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 110-82-7   | Cyclohexane                   | ND          | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 124-48-1   | Dibromochloromethane          | ND          |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 74-95-3    | Dibromomethane                | ND          |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-71-8    | Dichlorodifluoromethane       | ND          |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)      | ND          |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 100-41-4   | Ethyl Benzene                 | ND          |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE) | ND          |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 87-68-3    | Hexachlorobutadiene           | ND          |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 74-88-4    | * Iodomethane                 | ND          |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 98-82-8    | Isopropylbenzene              | ND          |       | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |



## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:00 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-20-9     | Methyl acetate                 | ND     | QL-02          | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | QL-02          | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     | CCVE           | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 98-06-6     | tert-Butylbenzene              | ND     |                | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 127-18-4    | Tetrachloroethylene            | ND     |                | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND     |                | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 108-88-3    | Toluene                        | ND     |                | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |



## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 10:00 am

**Date Received**

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                  | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|--------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 10061-02-6                  | trans-1,3-Dichloropropylene                | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene                | ND            | CCVE,<br>QL-02          | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 79-01-6                     | Trichloroethylene                          | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-69-4                     | Trichlorofluoromethane                     | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 108-05-4                    | Vinyl acetate                              | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 75-01-4                     | Vinyl Chloride                             | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| 1330-20-7                   | Xylenes, Total                             | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 18:14      | AC      |
| <b>Surrogate Recoveries</b> |                                            | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 104 %         | 69-130                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8               | 93.6 %        | 81-117                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 107 %         | 79-122                  |       |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.   | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5  | Perfluorobutanesulfonic acid<br>(PFBS)  | 4.51   |      | ng/L  | 0.452                  | 1.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 307-24-4  | Perfluorohexanoic acid (PFHxA)          | 18.4   |      | ng/L  | 0.337                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 375-85-9  | Perfluoroheptanoic acid (PFHpA)         | 13.8   |      | ng/L  | 0.683                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 355-46-4  | Perfluorohexanesulfonic acid<br>(PFHxS) | 70.3   |      | ng/L  | 0.654                  | 1.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 335-67-1  | Perfluorooctanoic acid (PFOA)           | 26.8   |      | ng/L  | 0.404                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 1763-23-1 | Perfluorooctanesulfonic acid<br>(PFOS)  | 72.7   |      | ng/L  | 0.789                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 375-95-1  | Perfluorononanoic acid (PFNA)           | 13.4   |      | ng/L  | 0.500                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 335-76-2  | Perfluorodecanoic acid (PFDA)           | ND     |      | ng/L  | 0.721                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 2058-94-8 | Perfluoroundecanoic acid<br>(PFUnA)     | 1.40   | J    | ng/L  | 1.09                   | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |



## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:00 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND          |              | ng/L  | 0.846                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND          |              | ng/L  | 0.712                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND          |              | ng/L  | 0.664                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND          |              | ng/L  | 0.760                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND          |              | ng/L  | 0.991                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>             | <b>24.2</b> |              | ng/L  | 0.221                  | 3.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND          |              | ng/L  | 0.846                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 375-92-8    | <b>* Perfluoro-1-heptanesulfonic acid (PFHpS)</b>  | <b>1.40</b> | J            | ng/L  | 0.875                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND          | PF-LCS-<br>L | ng/L  | 1.27                   | 1.86 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |              | ng/L  | 7.21                   | 7.31 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |              | ng/L  | 1.97                   | 7.39 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>11.7</b> |              | ng/L  | 0.317                  | 7.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND          |              | ng/L  | 0.481                  | 3.42 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |              | ng/L  | 2.06                   | 3.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          | PF-LCS-<br>L | ng/L  | 0.240                  | 3.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |              | ng/L  | 0.356                  | 3.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>5.08</b> |              | ng/L  | 0.731                  | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |              | ng/L  | 1.72                   | 7.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |              | ng/L  | 3.11                   | 7.69 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |              | ng/L  | 1.33                   | 7.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |              | ng/L  | 0.673                  | 7.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 919005-14-4 | ADONA                                              | ND          |              | ng/L  | 0.510                  | 7.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND          | PF-LCS-<br>L | ng/L  | 0.894                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |



## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 10:00 am

**Date Received**

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                  | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------------------|--------|------|-------|------------------------|------|----------|-------------------------------------------------|-----------------------|-----------------------|---------|
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)   | ND     |      | ng/L  | 0.827                  | 1.85 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA) | ND     |      | ng/L  | 1.95                   | 4.81 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA) | ND     |      | ng/L  | 7.05                   | 24.0 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA) | ND     |      | ng/L  | 9.11                   | 24.0 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 24448-09-7  | * N-MeFOSE                                 | ND     |      | ng/L  | 3.84                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 31506-32-8  | * N-MeFOSA                                 | ND     |      | ng/L  | 1.52                   | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 1691-99-2   | * N-EtFOSE                                 | ND     |      | ng/L  | 3.84                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |
| 4151-50-2   | * N-EtFOSA                                 | ND     |      | ng/L  | 1.73                   | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications:             | 04/23/2025 10:56      | 04/24/2025 13:11      | AM      |

| Surrogate Recoveries |                                                           | Result | Acceptance Range |        |
|----------------------|-----------------------------------------------------------|--------|------------------|--------|
| M3PFBS               | Surrogate: M3PFBS                                         | 129 %  | 25-150           |        |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 123 %  | 25-150           |        |
| 13C4PFHPA            | Surrogate: M4PFHpA                                        | 111 %  | 25-150           |        |
| 13C3PFHXS            | Surrogate: M3PFHxS                                        | 129 %  | 25-150           |        |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 128 %  | 25-150           |        |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 96.1 % | 25-150           |        |
| 13C7PFUNA            | Surrogate: M7PFUdA                                        | 81.8 % | 25-150           |        |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 59.8 % | 25-150           |        |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 21.1 % | 10-150           |        |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 56.6 % | 25-150           |        |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 116 %  | 25-150           |        |
| 13C5PFPEA            | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 124 %  | 25-150           |        |
| 13C8FOSA             | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 110 %  | 10-150           |        |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                   | 96.4 % | 25-150           |        |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                   | 95.7 % | 25-150           |        |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                     | 251 %  | PFSu-H           | 25-200 |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                     | 135 %  |                  | 25-200 |
| 13C9PFNA             | Surrogate: M9PFNA                                         | 115 %  | 25-150           |        |
| M2-4:2FTS            | Surrogate: M2-4:2 FTS                                     | 262 %  | PFSu-H           | 25-150 |
| 936109-37-4          | Surrogate: d-N-MeFOSA                                     | 52.3 % | 25-150           |        |
| 936109-40-9          | Surrogate: d-N-EtFOSA                                     | 36.3 % | 25-150           |        |



## Sample Information

**Client Sample ID:** FMW-14

**York Sample ID:** 25D1227-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:00 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| M3HFPO-DA    | Surrogate: M3HFPO-DA   | 103 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE | 34.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE | 50.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-52

**York Sample ID:** 25D1227-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:40 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)  | 11.9   |      | ng/L  | 0.447                  | 1.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)       | 45.7   |      | ng/L  | 0.333                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)      | 17.9   |      | ng/L  | 0.675                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS) | 61.0   |      | ng/L  | 0.647                  | 1.74 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)        | 8.34   |      | ng/L  | 0.399                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)  | 2.30   |      | ng/L  | 0.780                  | 1.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)        | 1.31   | J    | ng/L  | 0.494                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)        | ND     |      | ng/L  | 0.713                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)     | ND     |      | ng/L  | 1.07                   | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)     | ND     |      | ng/L  | 0.837                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)   | ND     |      | ng/L  | 0.704                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA) | ND     |      | ng/L  | 0.656                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 2355-31-9  | N-MeFOSAA                            | ND     |      | ng/L  | 0.751                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 2991-50-6  | N-EtFOSAA                            | ND     |      | ng/L  | 0.979                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |





## Sample Information

**Client Sample ID:** MW-52

**York Sample ID:** 25D1227-03

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 10:40 am

**Date Received**

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|---------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>             | <b>77.1</b> |         | ng/L  | 0.219                  | 3.80 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND          |         | ng/L  | 0.837                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND          |         | ng/L  | 0.865                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND          | PF-LCS- | ng/L  | 1.25                   | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |         | ng/L  | 7.13                   | 7.23 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |         | ng/L  | 1.95                   | 7.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>22.3</b> |         | ng/L  | 0.314                  | 7.61 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND          |         | ng/L  | 0.475                  | 3.38 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |         | ng/L  | 2.03                   | 3.80 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          | PF-LCS- | ng/L  | 0.238                  | 3.80 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |         | ng/L  | 0.352                  | 3.80 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>11.8</b> |         | ng/L  | 0.723                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |         | ng/L  | 1.70                   | 7.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |         | ng/L  | 3.07                   | 7.61 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |         | ng/L  | 1.31                   | 7.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |         | ng/L  | 0.666                  | 7.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 919005-14-4 | ADONA                                              | ND          |         | ng/L  | 0.504                  | 7.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND          | PF-LCS- | ng/L  | 0.884                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND          |         | ng/L  | 0.818                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND          |         | ng/L  | 1.93                   | 4.75 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND          |         | ng/L  | 6.97                   | 23.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND          |         | ng/L  | 9.00                   | 23.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |





## Sample Information

**Client Sample ID:** MW-52

**York Sample ID:** 25D1227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 10:40 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                     | Result        | Flag   | Units                   | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|---------------------------------------------------------------|---------------|--------|-------------------------|------------------------|--------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 24448-09-7                  | * N-MeFOSE                                                    | ND            |        | ng/L                    | 3.79                   | 19.0   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                    | ND            |        | ng/L                    | 1.50                   | 1.90   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                    | ND            |        | ng/L                    | 3.79                   | 19.0   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                    | ND            |        | ng/L                    | 1.71                   | 1.90   | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 13:27      | AM      |
| <b>Surrogate Recoveries</b> |                                                               | <b>Result</b> |        | <b>Acceptance Range</b> |                        |        |          |                                     |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                             | 115 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                            | 113 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                            | 115 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                            | 114 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 115 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                             | 81.1 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                            | 63.1 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 40.8 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                           | 19.5 %        |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| 13C4PFBA                    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 53.0 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8PFOS                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 83.2 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C5PFPEA                   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 105 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 13C8FOSA                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 100 %         |        |                         |                        | 10-150 |          |                                     |                       |                       |         |
| D3-NMEFOSAA                 | Surrogate: d3-N-MeFOSAA                                       | 71.5 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D5-NETFOSAA                 | Surrogate: d5-N-EtFOSAA                                       | 64.9 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-6:2FTS                   | Surrogate: M2-6:2 FTS                                         | 118 %         |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| M2-8:2FTS                   | Surrogate: M2-8:2 FTS                                         | 91.5 %        |        |                         |                        | 25-200 |          |                                     |                       |                       |         |
| 13C9PFNA                    | Surrogate: M9PFNA                                             | 101 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M2-4:2FTS                   | Surrogate: M2-4:2 FTS                                         | 130 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-37-4                 | Surrogate: d-N-MeFOSA                                         | 51.3 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| 936109-40-9                 | Surrogate: d-N-EtFOSA                                         | 33.3 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| M3HFPO-DA                   | Surrogate: M3HFPO-DA                                          | 106 %         |        |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D9-NETPFOSAE                | Surrogate: d9-N-EtFOSE                                        | 23.9 %        | PFSu-L |                         |                        | 25-150 |          |                                     |                       |                       |         |
| D7-NMEPFOSAE                | Surrogate: d7-N-MeFOSE                                        | 33.7 %        |        |                         |                        | 25-150 |          |                                     |                       |                       |         |



## Sample Information

**Client Sample ID:** FMW-23

**York Sample ID:** 25D1227-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 11:20 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|-------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |       | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |       | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |       | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |       | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |       | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 123-91-1 | 1,4-Dioxane                                          | ND     | CCVE  | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |



## Sample Information

**Client Sample ID:** FMW-23

**York Sample ID:** 25D1227-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 11:20 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                       | Result     | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------------|------------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 594-20-7   | 2,2-Dichloropropane             | ND         |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 78-93-3    | 2-Butanone                      | ND         |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 95-49-8    | 2-Chlorotoluene                 | ND         |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 591-78-6   | 2-Hexanone                      | ND         |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 106-43-4   | 4-Chlorotoluene                 | ND         |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone            | ND         |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 67-64-1    | Acetone                         | ND         |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 107-02-8   | Acrolein                        | ND         |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 107-13-1   | Acrylonitrile                   | ND         |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 71-43-2    | Benzene                         | ND         |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 108-86-1   | Bromobenzene                    | ND         |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 74-97-5    | Bromochloromethane              | ND         |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-27-4    | Bromodichloromethane            | ND         |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-25-2    | Bromoform                       | ND         |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 74-83-9    | Bromomethane                    | ND         |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-15-0    | Carbon disulfide                | ND         |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 56-23-5    | Carbon tetrachloride            | ND         |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 108-90-7   | Chlorobenzene                   | ND         |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-00-3    | Chloroethane                    | ND         |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 67-66-3    | Chloroform                      | ND         |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 74-87-3    | Chloromethane                   | ND         |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>144</b> |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND         |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |



## Sample Information

**Client Sample ID:** FMW-23

**York Sample ID:** 25D1227-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 11:20 am

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 110-82-7    | Cyclohexane                    | ND     | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 124-48-1    | Dibromochloromethane           | ND     |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 74-95-3     | Dibromomethane                 | ND     |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-71-8     | Dichlorodifluoromethane        | ND     |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |       | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | QL-02 | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |       | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | QL-02 | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 75-09-2     | Methylene chloride             | ND     |       | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 91-20-3     | Naphthalene                    | ND     |       | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |       | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |       | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 95-47-6     | o-Xylene                       | ND     |       | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |       | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |       | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |       | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 18:39      | AC      |



**York Sample ID:** 25D1227-04

Date Received

04/18/2025

**Sample Notes:**

| CAS No.    | Parameter                                  | Result        | Flag           | Units | Reported to LOD/MDL     | LOQ   | Dilution | Reference Method             | Date/Time Prepared                                                         | Date/Time Analyzed | Analyst |
|------------|--------------------------------------------|---------------|----------------|-------|-------------------------|-------|----------|------------------------------|----------------------------------------------------------------------------|--------------------|---------|
| 135-98-8   | sec-Butylbenzene                           | ND            |                | ug/L  | 0.444                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 18:39   | AC      |
| 100-42-5   | Styrene                                    | ND            |                | ug/L  | 0.255                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 18:39   | AC      |
| 75-85-4    | tert-Amyl alcohol (TAA)                    | ND            | CCVE,<br>QL-02 | ug/L  | 4.16                    | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 18:39   | AC      |
| 994-05-8   | tert-Amyl methyl ether (TAME)              | ND            |                | ug/L  | 0.511                   | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 18:39   | AC      |
| 75-65-0    | tert-Butyl alcohol (TBA)                   | ND            | CCVE           | ug/L  | 0.608                   | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 18:39   | AC      |
| 98-06-6    | tert-Butylbenzene                          | ND            |                | ug/L  | 0.367                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 18:39   | AC      |
| 127-18-4   | <b>Tetrachloroethylene</b>                 | <b>12.0</b>   |                | ug/L  | 0.239                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 18:39   | AC      |
| 109-99-9   | * Tetrahydrofuran                          | ND            |                | ug/L  | 0.485                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00                                                           | 04/29/2025 18:39   | AC      |
| 108-88-3   | Toluene                                    | ND            |                | ug/L  | 0.346                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 18:39   | AC      |
| 156-60-5   | <b>trans-1,2-Dichloroethylene</b>          | <b>0.520</b>  |                | ug/L  | 0.279                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 18:39   | AC      |
| 10061-02-6 | trans-1,3-Dichloropropylene                | ND            |                | ug/L  | 0.229                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 18:39   | AC      |
| 110-57-6   | trans-1,4-dichloro-2-butene                | ND            | CCVE,<br>QL-02 | ug/L  | 0.283                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 18:39   | AC      |
| 79-01-6    | <b>Trichloroethylene</b>                   | <b>0.480</b>  |                | ug/L  | 0.249                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 18:39   | AC      |
| 75-69-4    | Trichlorofluoromethane                     | ND            |                | ug/L  | 0.337                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 18:39   | AC      |
| 108-05-4   | Vinyl acetate                              | ND            |                | ug/L  | 0.477                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 18:39   | AC      |
| 75-01-4    | <b>Vinyl Chloride</b>                      | <b>22.7</b>   |                | ug/L  | 0.469                   | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 18:39   | AC      |
| 1330-20-7  | Xylenes, Total                             | ND            |                | ug/L  | 0.839                   | 1.50  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 18:39   | AC      |
|            | <b>Surrogate Recoveries</b>                | <b>Result</b> |                |       | <b>Acceptance Range</b> |       |          |                              |                                                                            |                    |         |
| 17060-07-0 | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 100 %         |                |       | 69-130                  |       |          |                              |                                                                            |                    |         |
| 2037-26-5  | Surrogate: SURRE: Toluene-d8               | 100 %         |                |       | 81-117                  |       |          |                              |                                                                            |                    |         |
| 460-00-4   | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 103 %         |                |       | 79-122                  |       |          |                              |                                                                            |                    |         |

**Sample Notes:**

| CAS No.            | Parameter | Result              | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution           | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed   | Analyst        |
|--------------------|-----------|---------------------|------|-------|------------------------|-----|--------------------|------------------|-----------------------|-------------------------|----------------|
| 120 RESEARCH DRIVE |           | STRATFORD, CT 06615 |      |       | ■                      |     | 132-02 89th AVENUE |                  |                       | RICHMOND HILL, NY 11418 |                |
| www.YORKLAB.com    |           | (203) 325-1371      |      |       |                        |     | FAX (203) 357-0166 |                  |                       | ClientServices@         | Page 24 of 107 |



## Sample Information

**Client Sample ID:** FMW-23

**York Sample ID:** 25D1227-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 11:20 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 22.2   |          | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 145    |          | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 84.1   |          | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 240    |          | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 62.0   |          | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 387    |          | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 179    |          | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | 9.48   | J        | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |          | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |          | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |          | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |          | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |          | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |          | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 274    |          | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |          | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |          | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     | PF-LCS-L | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |          | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |          | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 59.6   | J        | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |          | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |





## Sample Information

**Client Sample ID:** FMW-23

**York Sample ID:** 25D1227-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 11:20 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                           | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-----------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6                 | Perfluoro-3,6-dioxaheptanoic acid (NFDHA)           | ND            |                         | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 377-73-1                    | Perfluoro-4-oxapentanoic acid (PFMPA)               | ND            | PF-LCS-L                | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 863090-89-5                 | Perfluoro-5-oxahexanoic acid (PFMBA)                | ND            |                         | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 2706-91-4                   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>         | <b>21.4</b>   |                         | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 757124-72-4                 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | ND            |                         | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 13252-13-6                  | HFPO-DA (Gen-X)                                     | ND            |                         | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 763051-92-9                 | 11CL-PF3OUdS                                        | ND            |                         | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 756426-58-1                 | 9CL-PF3ONS                                          | ND            |                         | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 919005-14-4                 | ADONA                                               | ND            |                         | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid (PFDoS)            | ND            | PF-LCS-L                | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid (PFNS)            | ND            |                         | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid (FPrPA)          | ND            |                         | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid (FPePA)          | ND            |                         | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid (FHpPA)          | ND            |                         | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 24448-09-7                  | * N-MeFOSE                                          | ND            |                         | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 31506-32-8                  | * N-MeFOSA                                          | ND            |                         | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 1691-99-2                   | * N-EtFOSE                                          | ND            |                         | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| 4151-50-2                   | * N-EtFOSA                                          | ND            |                         | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 13:43      | AM      |
| <b>Surrogate Recoveries</b> |                                                     | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                   | 109 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                  | 95.3 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                  | 99.0 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                  | 106 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 103 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                   | 84.4 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUDa                                  | 77.6 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |





## Sample Information

**Client Sample ID:** FMW-23

**York Sample ID:** 25D1227-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 11:20 am

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 960315-52-0  | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 62.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                           | 41.1 % |      |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 57.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 88.4 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 92.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 93.5 % |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 85.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 84.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 120 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 102 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 107 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 122 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 42.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 40.4 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 98.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                        | 46.0 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                        | 54.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 12:45 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |

120 RESEARCH DRIVE

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132-02 89th AVENUE

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RICHMOND HILL, NY 11418

ClientServices@

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## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 12:45 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-00-5  | 1,1,2-Trichloroethane        | ND     |       | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-34-3  | 1,1-Dichloroethane           | ND     |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-35-4  | 1,1-Dichloroethylene         | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 563-58-6 | 1,1-Dichloropropylene        | ND     |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND     | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND     |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND     |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND     |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND     |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND     |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND     |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND     |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND     |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND     |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND     |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND     | CCVE  | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND     |       | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 78-93-3  | 2-Butanone                   | ND     |       | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND     |       | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 591-78-6 | 2-Hexanone                   | ND     |       | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |



## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 12:45 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 106-43-4   | 4-Chlorotoluene           | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |       | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 67-64-1    | Acetone                   | ND     |       | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 107-02-8   | Acrolein                  | ND     |       | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |       | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 71-43-2    | Benzene                   | ND     |       | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 108-86-1   | Bromobenzene              | ND     |       | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |       | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |       | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-25-2    | Bromoform                 | ND     |       | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 74-83-9    | Bromomethane              | ND     |       | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |       | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |       | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |       | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-00-3    | Chloroethane              | ND     |       | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 67-66-3    | Chloroform                | ND     |       | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 74-87-3    | Chloromethane             | ND     |       | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |       | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |       | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 110-82-7   | Cyclohexane               | ND     | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 124-48-1   | Dibromochloromethane      | ND     |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 74-95-3    | Dibromomethane            | ND     |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-71-8    | Dichlorodifluoromethane   | ND     |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |



## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 12:45 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |                | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |                | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | QL-02          | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | QL-02          | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |



## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 12:45 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            | CCVE                    | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 109-99-9                    | * Tetrahydrofuran                         | ND            |                         | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            | QL-02,<br>CCVE          | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 19:04      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 111 %         | 69-130                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 90.1 %        | 81-117                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 108 %         | 79-122                  |       |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid<br>(PFBS)  | 6.50   |      | ng/L  | 0.505                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)          | 16.4   |      | ng/L  | 0.376                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)         | 16.7   |      | ng/L  | 0.763                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid<br>(PFHxS) | 132    |      | ng/L  | 0.731                  | 1.97 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |



## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 12:45 pm

**Date Received**

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 21.5   |          | ng/L  | 0.451                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 309    |          | ng/L  | 0.881                  | 2.00 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 14.4   |          | ng/L  | 0.559                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | 1.66   | J        | ng/L  | 0.806                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |          | ng/L  | 1.21                   | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |          | ng/L  | 0.946                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |          | ng/L  | 0.795                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |          | ng/L  | 0.742                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |          | ng/L  | 0.849                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |          | ng/L  | 1.11                   | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 24.4   |          | ng/L  | 0.247                  | 4.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |          | ng/L  | 0.946                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 11.8   |          | ng/L  | 0.978                  | 2.05 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     | PF-LCS-L | ng/L  | 1.42                   | 2.07 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |          | ng/L  | 8.06                   | 8.17 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |          | ng/L  | 2.20                   | 8.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 15.3   |          | ng/L  | 0.355                  | 8.60 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND     |          | ng/L  | 0.537                  | 3.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |          | ng/L  | 2.30                   | 4.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     | PF-LCS-L | ng/L  | 0.269                  | 4.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |          | ng/L  | 0.398                  | 4.30 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 8.91   |          | ng/L  | 0.817                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |





## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 12:45 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |          | ng/L  | 1.92                   | 8.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |          | ng/L  | 3.47                   | 8.60 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |          | ng/L  | 1.48                   | 8.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |          | ng/L  | 0.752                  | 8.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 919005-14-4 | ADONA                                              | ND     |          | ng/L  | 0.570                  | 8.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     | PF-LCS-L | ng/L  | 1.00                   | 2.09 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |          | ng/L  | 0.924                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |          | ng/L  | 2.18                   | 5.37 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |          | ng/L  | 7.88                   | 26.9 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |          | ng/L  | 10.2                   | 26.9 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |          | ng/L  | 4.29                   | 21.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |          | ng/L  | 1.70                   | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |          | ng/L  | 4.29                   | 21.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |          | ng/L  | 1.93                   | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 14:31      | AM      |

| Surrogate Recoveries |                                                           | Result | Acceptance Range |
|----------------------|-----------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                         | 109 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 105 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                        | 106 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                        | 112 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 106 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 77.3 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                        | 57.0 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 34.0 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 18.1 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 56.0 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 99.9 % | 25-150           |





## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 25D1227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 12:45 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                               | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)   | 107 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 100 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                 | 71.9 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                 | 68.1 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                   | 125 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                   | 92.1 % |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                       | 98.2 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                   | 154 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                   | 47.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                   | 40.0 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                    | 105 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                  | 14.2 % | PFSu-L |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                  | 20.6 % | PFSu-L |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-37

**York Sample ID:** 25D1227-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:15 pm

04/18/2025

### Glycols, Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.  | Parameter                 | Result | Flag | Units            | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------------------------|--------|------|------------------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1 | * Ethylene Glycol         | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 18:01      | GXB     |
| 57-55-6  | * Propylene Glycol        | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 18:01      | GXB     |
|          | Surrogate Recoveries      | Result |      | Acceptance Range |                    |          |                           |                       |                       |         |
| 110-63-4 | Surrogate: 1,4-Butanediol |        |      | 30-130           |                    |          |                           |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-7S

**York Sample ID:** 25D1227-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |       | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |       | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |       | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |       | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |       | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>10.8</b> |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>2.08</b> |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND          |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 123-91-1 | 1,4-Dioxane                                          | ND          | CCVE  | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |



## Sample Information

**Client Sample ID:** MW-7S

**York Sample ID:** 25D1227-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 594-20-7   | 2,2-Dichloropropane       | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 78-93-3    | 2-Butanone                | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 95-49-8    | 2-Chlorotoluene           | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 591-78-6   | 2-Hexanone                | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 106-43-4   | 4-Chlorotoluene           | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 67-64-1    | Acetone                   | 14.4   | CCVE | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 108-86-1   | Bromobenzene              | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | 10.2   |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |



## Sample Information

**Client Sample ID:** MW-7S

**York Sample ID:** 25D1227-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 110-82-7    | Cyclohexane                    | ND     | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 124-48-1    | Dibromochloromethane           | ND     |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 74-95-3     | Dibromomethane                 | ND     |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-71-8     | Dichlorodifluoromethane        | ND     |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |       | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | QL-02 | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |       | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | QL-02 | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 75-09-2     | Methylene chloride             | ND     |       | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 91-20-3     | Naphthalene                    | ND     |       | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |       | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |       | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 95-47-6     | o-Xylene                       | ND     |       | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |       | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |       | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |       | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:29      | AC      |



**York Sample ID:** 25D1227-07

Date Received

04/18/2025

**Sample Notes:**

**Sample Notes:**

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## Sample Information

**Client Sample ID:** MW-7S

**York Sample ID:** 25D1227-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3535A

| CAS No.              | Parameter                 | Result | Flag | Units            | Reported to LOQ | Dilution | Reference Method                                           | Date/Time Prepared | Date/Time Analyzed | Analyst |
|----------------------|---------------------------|--------|------|------------------|-----------------|----------|------------------------------------------------------------|--------------------|--------------------|---------|
| 123-91-1             | 1,4-Dioxane               | 8.11   |      | ug/L             | 0.300           | 1        | EPA 8270E SIM<br>Certifications: NJDEP-CT005,NELAC-NY10854 | 04/24/2025 07:00   | 04/25/2025 13:49   | SS      |
| Surrogate Recoveries |                           | Result |      | Acceptance Range |                 |          |                                                            |                    |                    |         |
| 17647-74-4           | Surrogate: 1,4-Dioxane-d8 | 64.0 % |      | 36.6-118         |                 |          |                                                            |                    |                    |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|----------------------------------------|--------|------|-------|---------------------|------|----------|---------------------------------------------------------------|--------------------|--------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)    | 3.50   |      | ng/L  | 0.445               | 1.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)         | 14.0   |      | ng/L  | 0.332               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)        | 13.2   |      | ng/L  | 0.673               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS)   | 18.7   |      | ng/L  | 0.645               | 1.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)          | 13.0   |      | ng/L  | 0.398               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)    | 77.2   |      | ng/L  | 0.777               | 1.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)          | 12.9   |      | ng/L  | 0.493               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)          | 1.72   | J    | ng/L  | 0.711               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)       | ND     |      | ng/L  | 1.07                | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)       | ND     |      | ng/L  | 0.834               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)     | ND     |      | ng/L  | 0.701               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTTA)  | ND     |      | ng/L  | 0.654               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 2355-31-9  | N-MeFOSAA                              | ND     |      | ng/L  | 0.749               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 2991-50-6  | N-EtFOSAA                              | ND     |      | ng/L  | 0.976               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 2706-90-3  | Perfluoropentanoic acid (PFPeA)        | 17.1   |      | ng/L  | 0.218               | 3.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 754-91-6   | * Perfluoro-1-octanesulfonamide (FOSA) | ND     |      | ng/L  | 0.834               | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |





## Sample Information

**Client Sample ID:** MW-7S

**York Sample ID:** 25D1227-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag     | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|----------|-------|---------------------|------|----------|---------------------------------------------------------------|--------------------|--------------------|---------|
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND          |          | ng/L  | 0.863               | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND          | PF-LCS-L | ng/L  | 1.25                | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |          | ng/L  | 7.11                | 7.20 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |          | ng/L  | 1.94                | 7.28 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>8.63</b> |          | ng/L  | 0.313               | 7.58 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND          |          | ng/L  | 0.474               | 3.37 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |          | ng/L  | 2.03                | 3.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          | PF-LCS-L | ng/L  | 0.237               | 3.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |          | ng/L  | 0.351               | 3.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>1.66</b> | J        | ng/L  | 0.720               | 1.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |          | ng/L  | 1.70                | 7.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |          | ng/L  | 3.06                | 7.58 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |          | ng/L  | 1.31                | 7.17 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |          | ng/L  | 0.664               | 7.09 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 919005-14-4 | ADONA                                              | ND          |          | ng/L  | 0.502               | 7.17 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND          | PF-LCS-L | ng/L  | 0.882               | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND          |          | ng/L  | 0.815               | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND          |          | ng/L  | 1.92                | 4.74 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND          |          | ng/L  | 6.95                | 23.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND          |          | ng/L  | 8.98                | 23.7 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND          |          | ng/L  | 3.78                | 19.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND          |          | ng/L  | 1.50                | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND          |          | ng/L  | 3.78                | 19.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56   | 04/24/2025 14:47   | AM      |





## Sample Information

**Client Sample ID:** MW-7S

**York Sample ID:** 25D1227-07

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 1:50 pm

**Date Received**

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.              | Parameter                                                     | Result | Flag   | Units            | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------------------------------------------|--------|--------|------------------|------------------------|------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 4151-50-2            | * N-EtFOSA                                                    | ND     |        | ng/L             | 1.71                   | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 14:47      | AM      |
| Surrogate Recoveries |                                                               | Result |        | Acceptance Range |                        |      |          |                                     |                       |                       |         |
| M3PFBS               | Surrogate: M3PFBS                                             | 99.8 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C5PFHXA            | Surrogate: M5PFHxA                                            | 116 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C4PFHPA            | Surrogate: M4PFHpA                                            | 80.5 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C3PFHXS            | Surrogate: M3PFHxS                                            | 103 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 129 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C6PFDA             | Surrogate: M6PFDA                                             | 113 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C7PFUNA            | Surrogate: M7PFUdA                                            | 81.8 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 56.1 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                           | 37.3 % |        | 10-150           |                        |      |          |                                     |                       |                       |         |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 84.0 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 149 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 126 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 13C8FOSA             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 111 %  |        | 10-150           |                        |      |          |                                     |                       |                       |         |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                       | 131 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                       | 133 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                         | 318 %  | PFSu-H | 25-200           |                        |      |          |                                     |                       |                       |         |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                         | 256 %  | PFSu-H | 25-200           |                        |      |          |                                     |                       |                       |         |
| 13C9PFNA             | Surrogate: M9PFNA                                             | 111 %  |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| M2-4:2FTS            | Surrogate: M2-4:2 FTS                                         | 273 %  | PFSu-H | 25-150           |                        |      |          |                                     |                       |                       |         |
| 936109-37-4          | Surrogate: d-N-MeFOFA                                         | 49.9 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| 936109-40-9          | Surrogate: d-N-EtFOFA                                         | 40.0 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| M3HFPO-DA            | Surrogate: M3HFPO-DA                                          | 96.2 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| D9-NETPFOSAE         | Surrogate: d9-N-EtFOFE                                        | 59.5 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |
| D7-NMEPFOSAE         | Surrogate: d7-N-MeFOFE                                        | 80.7 % |        | 25-150           |                        |      |          |                                     |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-35

**York Sample ID:** 25D1227-08

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 2:50 pm

**Date Received**

04/18/2025



## Sample Information

**Client Sample ID:** FMW-35

**York Sample ID:** 25D1227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 2:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 4.69   |      | ng/L  | 0.474                  | 1.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 3.21   |      | ng/L  | 0.353                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 1.63   | J    | ng/L  | 0.716                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 22.6   |      | ng/L  | 0.686                  | 1.85 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 3.96   |      | ng/L  | 0.424                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 60.3   |      | ng/L  | 0.827                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | ND     |      | ng/L  | 0.524                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.756                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.14                   | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.887                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.746                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.696                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.797                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.04                   | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 3.48   | J    | ng/L  | 0.232                  | 4.03 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.887                  | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.918                  | 1.93 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.33                   | 1.95 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.56                   | 7.66 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 2.07                   | 7.75 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 7.57   | J    | ng/L  | 0.333                  | 8.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND     |      | ng/L  | 0.504                  | 3.59 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.16                   | 4.03 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |



## Sample Information

**Client Sample ID:** FMW-35

**York Sample ID:** 25D1227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 2:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                     | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|---------------------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 377-73-1                    | Perfluoro-4-oxapentanoic acid<br>(PFMPA)                      | ND            |                         | ng/L  | 0.252                  | 4.03 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 863090-89-5                 | Perfluoro-5-oxahexanoic acid<br>(PFMBA)                       | ND            |                         | ng/L  | 0.373                  | 4.03 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 2706-91-4                   | <b>Perfluoro-1-pentanesulfonate<br/>(PFPeS)</b>               | <b>2.26</b>   |                         | ng/L  | 0.766                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 757124-72-4                 | 1H,1H,2H,2H-Perfluorohexanesulfon<br>ic acid (4:2 FTS)        | ND            |                         | ng/L  | 1.81                   | 7.56 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 13252-13-6                  | HFPO-DA (Gen-X)                                               | ND            |                         | ng/L  | 3.26                   | 8.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 763051-92-9                 | 11CL-PF3OUdS                                                  | ND            |                         | ng/L  | 1.39                   | 7.62 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 756426-58-1                 | 9CL-PF3ONS                                                    | ND            |                         | ng/L  | 0.706                  | 7.54 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 919005-14-4                 | ADONA                                                         | ND            |                         | ng/L  | 0.534                  | 7.62 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid<br>(PFDoS)                   | ND            |                         | ng/L  | 0.938                  | 1.96 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)                   | ND            |                         | ng/L  | 0.867                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA)                 | ND            |                         | ng/L  | 2.05                   | 5.04 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid<br>(FPePA)                 | ND            |                         | ng/L  | 7.39                   | 25.2 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)                 | ND            |                         | ng/L  | 9.55                   | 25.2 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 24448-09-7                  | * N-MeFOSE                                                    | ND            |                         | ng/L  | 4.02                   | 20.2 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                    | ND            |                         | ng/L  | 1.59                   | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                    | ND            |                         | ng/L  | 4.02                   | 20.2 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                    | ND            |                         | ng/L  | 1.82                   | 2.02 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:08      | AM      |
| <b>Surrogate Recoveries</b> |                                                               | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                             | 111 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                            | 121 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                            | 115 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                            | 116 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 121 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                             | 102 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUdA                                            | 91.3 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 78.5 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |





## Sample Information

**Client Sample ID:** FMW-35

**York Sample ID:** 25D1227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 2:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag | Units  | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|------|--------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C2PFTEDA   | Surrogate: M2PFTEDA                                           | 77.1 % |      |        | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 95.0 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 118 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 118 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 113 %  |      |        | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 104 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 103 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 132 %  |      |        | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 102 %  |      |        | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 117 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 158 %  |      | PFSu-H | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 68.5 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 64.2 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 124 %  |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                        | 89.7 % |      |        | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                        | 89.1 % |      |        | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-40

**York Sample ID:** 25D1227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |

120 RESEARCH DRIVE

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ClientServices@

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## Sample Information

**Client Sample ID:** FMW-40

**York Sample ID:** 25D1227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------|-------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 75-34-3  | 1,1-Dichloroethane           | ND     |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 75-35-4  | 1,1-Dichloroethylene         | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 563-58-6 | 1,1-Dichloropropylene        | ND     |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND     | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND     |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND     |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND     |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND     |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND     |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND     |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND     |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND     |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND     |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND     |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND     | CCVE  | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND     |       | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 78-93-3  | 2-Butanone                   | ND     |       | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND     |       | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 591-78-6 | 2-Hexanone                   | ND     |       | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 106-43-4 | 4-Chlorotoluene              | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |



Sample Information

Client Sample ID: FMW-40

York Sample ID: 25D1227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag  | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------|--------|-------|-------|---------------------|-------|----------|-------------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |       | ug/L  | 0.365               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 67-64-1    | Acetone                   | ND     |       | ug/L  | 1.34                | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 107-02-8   | Acrolein                  | ND     |       | ug/L  | 0.447               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 107-13-1   | Acrylonitrile             | ND     |       | ug/L  | 0.422               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 71-43-2    | Benzene                   | ND     |       | ug/L  | 0.279               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 108-86-1   | Bromobenzene              | ND     |       | ug/L  | 0.367               | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 74-97-5    | Bromochloromethane        | ND     |       | ug/L  | 0.354               | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |       | ug/L  | 0.245               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 75-25-2    | Bromoform                 | ND     |       | ug/L  | 0.163               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 74-83-9    | Bromomethane              | ND     |       | ug/L  | 0.119               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 75-15-0    | Carbon disulfide          | ND     |       | ug/L  | 0.362               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |       | ug/L  | 0.204               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 108-90-7   | Chlorobenzene             | ND     |       | ug/L  | 0.284               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 75-00-3    | Chloroethane              | ND     |       | ug/L  | 0.448               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 67-66-3    | Chloroform                | ND     |       | ug/L  | 0.243               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 74-87-3    | Chloromethane             | ND     |       | ug/L  | 0.372               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |       | ug/L  | 0.294               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |       | ug/L  | 0.262               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 110-82-7   | Cyclohexane               | ND     | QL-02 | ug/L  | 0.491               | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 124-48-1   | Dibromochloromethane      | ND     |       | ug/L  | 0.146               | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 74-95-3    | Dibromomethane            | ND     |       | ug/L  | 0.203               | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 75-71-8    | Dichlorodifluoromethane   | ND     |       | ug/L  | 0.451               | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)  | ND     |       | ug/L  | 0.466               | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00   | 04/29/2025 19:54   | AC      |





## Sample Information

**Client Sample ID:** FMW-40

**York Sample ID:** 25D1227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 100-41-4    | Ethyl Benzene                  | ND     |                | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |                | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |                | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | QL-02          | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | QL-02          | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     | CCVE           | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |





## Sample Information

**Client Sample ID:** FMW-40

**York Sample ID:** 25D1227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.              | Parameter                                 | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-------------------------------------------|--------|------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 98-06-6              | tert-Butylbenzene                         | ND     |                  | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 127-18-4             | Tetrachloroethylene                       | ND     |                  | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 109-99-9             | * Tetrahydrofuran                         | ND     |                  | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 108-88-3             | Toluene                                   | ND     |                  | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 156-60-5             | trans-1,2-Dichloroethylene                | ND     |                  | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 10061-02-6           | trans-1,3-Dichloropropylene               | ND     |                  | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 110-57-6             | trans-1,4-dichloro-2-butene               | ND     | CCVE,<br>QL-02   | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 79-01-6              | Trichloroethylene                         | ND     |                  | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 75-69-4              | Trichlorofluoromethane                    | ND     |                  | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 108-05-4             | Vinyl acetate                             | ND     |                  | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 75-01-4              | Vinyl Chloride                            | ND     |                  | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| 1330-20-7            | Xylenes, Total                            | ND     |                  | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 19:54      | AC      |
| Surrogate Recoveries |                                           | Result | Acceptance Range |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0           | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 112 %  | 69-130           |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5            | Surrogate: SURR: Toluene-d8               | 90.5 % | 81-117           |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4             | Surrogate: SURR:<br>p-Bromofluorobenzene  | 112 %  | 79-122           |       |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid<br>(PFBS)  | 10.7   | J    | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)          | 48.2   |      | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)         | 35.0   |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid<br>(PFHxS) | 365    |      | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 335-67-1 | Perfluorooctanoic acid (PFOA)           | 50.1   |      | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |



## Sample Information

**Client Sample ID:** FMW-40

**York Sample ID:** 25D1227-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 775    |      | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 158    |      | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 58.0   |      | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 11.9   | J    | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 22.7   | J    | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 9.76   | J    | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |



## Sample Information

**Client Sample ID:** FMW-40

**York Sample ID:** 25D1227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                     | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 13252-13-6  | HFPO-DA (Gen-X)                               | ND     |      | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                  | ND     |      | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                    | ND     |      | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 919005-14-4 | ADONA                                         | ND     |      | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)   | ND     |      | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)   | ND     |      | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA) | ND     |      | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA) | ND     |      | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA) | ND     |      | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 24448-09-7  | * N-MeFOSE                                    | ND     |      | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 31506-32-8  | * N-MeFOSA                                    | ND     |      | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 1691-99-2   | * N-EtFOSE                                    | ND     |      | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |
| 4151-50-2   | * N-EtFOSA                                    | ND     |      | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:24      | AM      |

| Surrogate Recoveries |                                                               | Result | Acceptance Range |
|----------------------|---------------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                             | 129 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                            | 122 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                            | 127 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                            | 131 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 115 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                             | 107 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUDa                                            | 94.4 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 87.2 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                           | 83.2 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 82.4 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 119 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 118 %  | 25-150           |



## Sample Information

**Client Sample ID:** FMW-40

**York Sample ID:** 25D1227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:20 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 126 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                 | 114 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                 | 118 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                   | 133 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                   | 114 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                       | 115 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                   | 139 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                   | 58.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                   | 65.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                    | 123 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                  | 96.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                  | 102 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |



## Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND     | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND     |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | 0.770  |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND     |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | 10.3   |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND     |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND     |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND     |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND     |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND     |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND     |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND     | CCVE  | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND     |       | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 78-93-3  | 2-Butanone                   | ND     |       | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND     |       | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 591-78-6 | 2-Hexanone                   | ND     |       | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 106-43-4 | 4-Chlorotoluene              | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone         | ND     |       | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 67-64-1  | Acetone                      | 1.62   |       | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 107-02-8 | Acrolein                     | ND     |       | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |



## Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                       | Result       | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------------|--------------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 107-13-1   | Acrylonitrile                   | ND           |       | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 71-43-2    | Benzene                         | ND           |       | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 108-86-1   | Bromobenzene                    | ND           |       | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 74-97-5    | Bromochloromethane              | ND           |       | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-27-4    | Bromodichloromethane            | ND           |       | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-25-2    | Bromoform                       | ND           |       | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 74-83-9    | Bromomethane                    | ND           |       | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-15-0    | <b>Carbon disulfide</b>         | <b>0.440</b> |       | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 56-23-5    | Carbon tetrachloride            | ND           |       | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 108-90-7   | Chlorobenzene                   | ND           |       | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-00-3    | Chloroethane                    | ND           |       | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 67-66-3    | Chloroform                      | ND           |       | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 74-87-3    | Chloromethane                   | ND           |       | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>0.310</b> |       | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND           |       | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 110-82-7   | Cyclohexane                     | ND           | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 124-48-1   | Dibromochloromethane            | ND           |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 74-95-3    | Dibromomethane                  | ND           |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-71-8    | Dichlorodifluoromethane         | ND           |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)        | ND           |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 100-41-4   | Ethyl Benzene                   | ND           |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE)   | ND           |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 87-68-3    | Hexachlorobutadiene             | ND           |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |





## Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result       | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------------|----------------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 74-88-4     | * Iodomethane                  | ND           |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 98-82-8     | <b>Isopropylbenzene</b>        | <b>3.38</b>  |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 79-20-9     | Methyl acetate                 | ND           | QL-02          | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND           |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND           | QL-02          | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 108-87-2    | Methylcyclohexane              | ND           |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-09-2     | Methylene chloride             | ND           |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 91-20-3     | <b>Naphthalene</b>             | <b>5.99</b>  |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND           |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 103-65-1    | <b>n-Propylbenzene</b>         | <b>3.26</b>  |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 95-47-6     | o-Xylene                       | ND           |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND           |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 105-05-5    | <b>* p-Diethylbenzene</b>      | <b>0.750</b> |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND           |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND           |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 135-98-8    | <b>sec-Butylbenzene</b>        | <b>0.730</b> |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 100-42-5    | Styrene                        | ND           |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND           | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND           |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND           | CCVE           | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 98-06-6     | <b>tert-Butylbenzene</b>       | <b>0.580</b> |                | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 127-18-4    | Tetrachloroethylene            | ND           |                | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND           |                | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |





## Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            | CCVE,<br>QL-02          | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:19      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 111 %         | 69-130                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 89.9 %        | 81-117                  |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 106 %         | 79-122                  |       |                        |       |          |                                                                                     |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.   | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5  | Perfluorobutanesulfonic acid<br>(PFBS)  | 39.5   |      | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 307-24-4  | Perfluorohexanoic acid (PFHxA)          | 113    |      | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 375-85-9  | Perfluoroheptanoic acid (PFHpA)         | 45.1   |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 355-46-4  | Perfluorohexanesulfonic acid<br>(PFHxS) | 751    |      | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 335-67-1  | Perfluorooctanoic acid (PFOA)           | 82.7   |      | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 1763-23-1 | Perfluorooctanesulfonic acid<br>(PFOS)  | 1910   |      | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 375-95-1  | Perfluorononanoic acid (PFNA)           | 56.0   |      | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |



## Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                                 | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------------------|-------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-76-2    | Perfluorodecanoic acid (PFDA)                             | ND          |      | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                          | ND          |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                          | ND          |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                        | ND          |      | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)                      | ND          |      | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 2355-31-9   | N-MeFOSAA                                                 | ND          |      | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 2991-50-6   | N-EtFOSAA                                                 | ND          |      | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>                    | <b>118</b>  |      | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)                    | ND          |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 375-92-8    | <b>* Perfluoro-1-heptanesulfonic acid (PFHpS)</b>         | <b>96.1</b> |      | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)                  | ND          |      | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 27619-97-2  | <b>1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)</b> | <b>80.0</b> |      | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)        | ND          |      | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>                   | <b>25.0</b> | J    | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEISA)          | ND          |      | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)                  | ND          |      | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND          |      | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND          |      | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>               | <b>64.6</b> |      | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND          |      | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                           | ND          |      | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                              | ND          |      | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                                | ND          |      | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |



## Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.                     | Parameter                                                     | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|---------------------------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 919005-14-4                 | ADONA                                                         | ND            |                         | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 79780-39-5                  | * Perfluorododecanesulfonic acid<br>(PFDoS)                   | ND            |                         | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 68259-12-1                  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)                   | ND            |                         | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 356-02-5                    | * 3-Perfluoropropyl propanoic acid<br>(FPPa)                  | ND            |                         | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 914637-49-3                 | * 3-Perfluoropentyl propanoic acid<br>(FPePA)                 | ND            |                         | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 812-70-4                    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)                 | ND            |                         | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 24448-09-7                  | * N-MeFOSE                                                    | ND            |                         | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 31506-32-8                  | * N-MeFOSA                                                    | ND            |                         | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 1691-99-2                   | * N-EtFOSE                                                    | ND            |                         | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| 4151-50-2                   | * N-EtFOSA                                                    | ND            |                         | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 16:41      | AM      |
| <b>Surrogate Recoveries</b> |                                                               | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS                      | Surrogate: M3PFBS                                             | 115 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA                   | Surrogate: M5PFHxA                                            | 114 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA                   | Surrogate: M4PFHpA                                            | 121 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS                   | Surrogate: M3PFHxS                                            | 116 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA                    | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 117 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA                    | Surrogate: M6PFDA                                             | 105 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA                   | Surrogate: M7PFUDa                                            | 100 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 960315-52-0                 | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 80.3 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C2PFTEDA                  | Surrogate: M2PFTeDA                                           | 62.7 %        | 10-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFBA                    | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 62.5 %        | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOS                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 123 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFPEA                   | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 112 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| 13C8FOSA                    | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 110 %         | 10-150                  |       |                        |      |          |                                                               |                       |                       |         |
| D3-NMEFOSAA                 | Surrogate: d3-N-MeFOSAA                                       | 109 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| D5-NETFOSAA                 | Surrogate: d5-N-EtFOSAA                                       | 107 %         | 25-150                  |       |                        |      |          |                                                               |                       |                       |         |
| M2-6:2FTS                   | Surrogate: M2-6:2 FTS                                         | 127 %         | 25-200                  |       |                        |      |          |                                                               |                       |                       |         |
| M2-8:2FTS                   | Surrogate: M2-8:2 FTS                                         | 105 %         | 25-200                  |       |                        |      |          |                                                               |                       |                       |         |



### Sample Information

**Client Sample ID:** FMW-31

**York Sample ID:** 25D1227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 3:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C9PFNA     | Surrogate: M9PFNA      | 116 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS  | 145 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA  | 64.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA  | 61.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA   | 120 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE | 82.5 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE | 80.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

### Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |       | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |       | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |       | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |       | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |       | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>10.3</b> |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>1.98</b> |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND          |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                   | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 120-82-1 | 1,2,4-Trichlorobenzene      | ND     |      | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND     |      | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 142-28-9 | 1,3-Dichloropropane         | ND     |      | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 123-91-1 | 1,4-Dioxane                 | ND     | CCVE | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 594-20-7 | 2,2-Dichloropropane         | ND     |      | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 95-49-8  | 2-Chlorotoluene             | ND     |      | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 106-43-4 | 4-Chlorotoluene             | ND     |      | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 67-64-1  | Acetone                     | 13.0   | CCVE | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 107-02-8 | Acrolein                    | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 71-43-2  | Benzene                     | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-86-1 | Bromobenzene                | ND     |      | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                       | Result      | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------------|-------------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 74-97-5    | Bromochloromethane              | ND          |       | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-27-4    | Bromodichloromethane            | ND          |       | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-25-2    | Bromoform                       | ND          |       | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 74-83-9    | Bromomethane                    | ND          |       | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-15-0    | Carbon disulfide                | ND          |       | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 56-23-5    | Carbon tetrachloride            | ND          |       | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-90-7   | Chlorobenzene                   | ND          |       | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-00-3    | Chloroethane                    | ND          |       | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 67-66-3    | Chloroform                      | ND          |       | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 74-87-3    | Chloromethane                   | ND          |       | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>9.83</b> |       | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |       | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 110-82-7   | Cyclohexane                     | ND          | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 124-48-1   | Dibromochloromethane            | ND          |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 74-95-3    | Dibromomethane                  | ND          |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)        | ND          |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 100-41-4   | Ethyl Benzene                   | ND          |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE)   | ND          |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 87-68-3    | Hexachlorobutadiene             | ND          |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 74-88-4    | * Iodomethane                   | ND          |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 98-82-8    | Isopropylbenzene                | ND          |       | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 79-20-9    | Methyl acetate                  | ND          | QL-02 | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |





## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result      | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|-------------|----------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 80-62-6     | Methyl Methacrylate            | ND          |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND          | QL-02          | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-87-2    | Methylcyclohexane              | ND          |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-09-2     | Methylene chloride             | ND          |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 91-20-3     | Naphthalene                    | ND          |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND          |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 103-65-1    | n-Propylbenzene                | ND          |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 95-47-6     | o-Xylene                       | ND          |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND          |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND          |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND          |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND          |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND          |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 100-42-5    | Styrene                        | ND          |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND          | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND          |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND          | CCVE           | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 98-06-6     | tert-Butylbenzene              | ND          |                | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 127-18-4    | <b>Tetrachloroethylene</b>     | <b>3.95</b> |                | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND          |                | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-88-3    | Toluene                        | ND          |                | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND          |                | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND          |                | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |





## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 1:50 pm

**Date Received**

04/18/2025

### VOA, 8260 LOW MASTER

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.              | Parameter                                 | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-------------------------------------------|--------|------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 110-57-6             | trans-1,4-dichloro-2-butene               | ND     | CCVE,<br>QL-02   | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 79-01-6              | Trichloroethylene                         | 0.290  |                  | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-69-4              | Trichlorofluoromethane                    | ND     |                  | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 108-05-4             | Vinyl acetate                             | ND     |                  | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 75-01-4              | Vinyl Chloride                            | 4.48   |                  | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| 1330-20-7            | Xylenes, Total                            | ND     |                  | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 20:45      | AC      |
| Surrogate Recoveries |                                           | Result | Acceptance Range |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0           | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 111 %  | 69-130           |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5            | Surrogate: SURR: Toluene-d8               | 89.5 % | 81-117           |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4             | Surrogate: SURR:<br>p-Bromofluorobenzene  | 106 %  | 79-122           |       |                        |       |          |                                                                                     |                       |                       |         |

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3535A

| CAS No.              | Parameter                 | Result | Flag             | Units | Reported to<br>LOQ | Dilution | Reference Method                                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------------------|-------|--------------------|----------|------------------------------------------------------------|-----------------------|-----------------------|---------|
| 123-91-1             | 1,4-Dioxane               | 8.78   |                  | ug/L  | 0.300              | 1        | EPA 8270E SIM<br>Certifications: NJDEP-CT005,NELAC-NY10854 | 04/24/2025 07:00      | 04/25/2025 14:04      | SS      |
| Surrogate Recoveries |                           | Result | Acceptance Range |       |                    |          |                                                            |                       |                       |         |
| 17647-74-4           | Surrogate: 1,4-Dioxane-d8 | 92.0 % | 36.6-118         |       |                    |          |                                                            |                       |                       |         |

### PFAS, EPA 1633 Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS)  | 3.60   |      | ng/L  | 0.457                  | 1.72 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)       | 13.6   |      | ng/L  | 0.340                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)      | 12.5   |      | ng/L  | 0.690                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid (PFHxS) | 17.7   |      | ng/L  | 0.661                  | 1.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 335-67-1 | Perfluorooctanoic acid (PFOA)        | 12.4   |      | ng/L  | 0.408                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 1:50 pm

**Date Received**

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 75.3   |      | ng/L  | 0.797                  | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 9.74   |      | ng/L  | 0.505                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | 1.48   | J    | ng/L  | 0.729                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.10                   | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.855                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.719                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.671                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.768                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.00                   | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 17.3   |      | ng/L  | 0.224                  | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.855                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.885                  | 1.86 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.28                   | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.29                   | 7.39 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 1.99                   | 7.47 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 6.64   | J    | ng/L  | 0.321                  | 7.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND     |      | ng/L  | 0.486                  | 3.46 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.08                   | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.243                  | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 0.360                  | 3.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 1.80   | J    | ng/L  | 0.739                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 1.74                   | 7.29 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 1:50 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                             | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-------------------------------------------------------|-------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 13252-13-6  | HFPO-DA (Gen-X)                                       | ND          |      | ng/L  | 3.14                   | 7.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                          | ND          |      | ng/L  | 1.34                   | 7.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                            | ND          |      | ng/L  | 0.680                  | 7.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 919005-14-4 | ADONA                                                 | ND          |      | ng/L  | 0.515                  | 7.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)           | ND          |      | ng/L  | 0.904                  | 1.89 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)           | ND          |      | ng/L  | 0.836                  | 1.87 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 356-02-5    | <b>* 3-Perfluoropropyl propanoic<br/>acid (FPrPA)</b> | <b>70.1</b> |      | ng/L  | 1.97                   | 4.86 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA)         | ND          |      | ng/L  | 7.12                   | 24.3 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)         | ND          |      | ng/L  | 9.20                   | 24.3 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 24448-09-7  | * N-MeFOSE                                            | ND          |      | ng/L  | 3.88                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 31506-32-8  | * N-MeFOSA                                            | ND          |      | ng/L  | 1.54                   | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 1691-99-2   | * N-EtFOSE                                            | ND          |      | ng/L  | 3.88                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |
| 4151-50-2   | * N-EtFOSA                                            | ND          |      | ng/L  | 1.75                   | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:13      | AM      |

| Surrogate Recoveries |                                                               | Result | Acceptance Range |        |
|----------------------|---------------------------------------------------------------|--------|------------------|--------|
| M3PFBS               | Surrogate: M3PFBS                                             | 128 %  | 25-150           |        |
| 13C5PFHXA            | Surrogate: M5PFHxA                                            | 143 %  | 25-150           |        |
| 13C4PFHPA            | Surrogate: M4PFHPA                                            | 102 %  | 25-150           |        |
| 13C3PFHXS            | Surrogate: M3PFHxS                                            | 133 %  | 25-150           |        |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 152 %  | PFSu-H           | 25-150 |
| 13C6PFDA             | Surrogate: M6PFDA                                             | 117 %  | 25-150           |        |
| 13C7PFUNA            | Surrogate: M7PFUDa                                            | 79.3 % | 25-150           |        |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 45.3 % | 25-150           |        |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                           | 32.5 % | 10-150           |        |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 115 %  | 25-150           |        |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 154 %  | PFSu-H           | 25-150 |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 153 %  | PFSu-H           | 25-150 |



## Sample Information

**Client Sample ID:** Field Duplicate

**York Sample ID:** 25D1227-11

|                               |                                  |               |                             |                      |
|-------------------------------|----------------------------------|---------------|-----------------------------|----------------------|
| <u>York Project (SDG) No.</u> | <u>Client Project ID</u>         | <u>Matrix</u> | <u>Collection Date/Time</u> | <u>Date Received</u> |
| 25D1227                       | Westchester County Airport (WCA) | Ground Water  | April 17, 2025 1:50 pm      | 04/18/2025           |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                               | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 124 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                 | 154 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                 | 154 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                   | 402 %  | PFSu-H |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                   | 329 %  | PFSu-H |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                       | 140 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                   | 354 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                   | 43.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                   | 35.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                    | 114 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                  | 51.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                  | 76.7 % |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

|                               |                                  |               |                             |                      |
|-------------------------------|----------------------------------|---------------|-----------------------------|----------------------|
| <u>York Project (SDG) No.</u> | <u>Client Project ID</u>         | <u>Matrix</u> | <u>Collection Date/Time</u> | <u>Date Received</u> |
| 25D1227                       | Westchester County Airport (WCA) | Ground Water  | April 17, 2025 4:15 pm      | 04/18/2025           |

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 4:15 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                    | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 87-61-6  | 1,2,3-Trichlorobenzene       | ND     | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane       | ND     |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene | ND     |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene       | ND     |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene       | ND     |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane  | ND     |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 106-93-4 | 1,2-Dibromoethane            | ND     |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene          | ND     |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 107-06-2 | 1,2-Dichloroethane           | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 78-87-5  | 1,2-Dichloropropane          | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene       | ND     |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene          | ND     |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 142-28-9 | 1,3-Dichloropropane          | ND     |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene          | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 123-91-1 | 1,4-Dioxane                  | ND     | CCVE  | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 594-20-7 | 2,2-Dichloropropane          | ND     |       | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 78-93-3  | 2-Butanone                   | ND     |       | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 95-49-8  | 2-Chlorotoluene              | ND     |       | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 591-78-6 | 2-Hexanone                   | ND     |       | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 106-43-4 | 4-Chlorotoluene              | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 108-10-1 | 4-Methyl-2-pentanone         | ND     |       | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 67-64-1  | Acetone                      | ND     |       | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 107-02-8 | Acrolein                     | ND     |       | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 4:15 pm

**Date Received**

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                     | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|-------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 107-13-1   | Acrylonitrile                 | ND     |       | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 71-43-2    | Benzene                       | ND     |       | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 108-86-1   | Bromobenzene                  | ND     |       | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 74-97-5    | Bromochloromethane            | ND     |       | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-27-4    | Bromodichloromethane          | ND     |       | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-25-2    | Bromoform                     | ND     |       | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 74-83-9    | Bromomethane                  | ND     |       | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-15-0    | Carbon disulfide              | ND     |       | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 56-23-5    | Carbon tetrachloride          | ND     |       | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 108-90-7   | Chlorobenzene                 | ND     |       | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-00-3    | Chloroethane                  | ND     |       | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 67-66-3    | Chloroform                    | ND     |       | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 74-87-3    | Chloromethane                 | ND     |       | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene      | ND     |       | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene     | ND     |       | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 110-82-7   | Cyclohexane                   | ND     | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 124-48-1   | Dibromochloromethane          | ND     |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 74-95-3    | Dibromomethane                | ND     |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-71-8    | Dichlorodifluoromethane       | ND     |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 108-20-3   | Diisopropyl ether (DIPE)      | ND     |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 100-41-4   | Ethyl Benzene                 | ND     |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 637-92-3   | Ethyl tert-butyl ether (ETBE) | ND     |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 87-68-3    | Hexachlorobutadiene           | ND     |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 4:15 pm

**Date Received**

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag           | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|----------------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 74-88-4     | * Iodomethane                  | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |                | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | QL-02          | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |                | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | QL-02          | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 91-20-3     | Naphthalene                    | ND     |                | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |                | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |                | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-85-4     | tert-Amyl alcohol (TAA)        | ND     | CCVE,<br>QL-02 | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 994-05-8    | tert-Amyl methyl ether (TAME)  | ND     |                | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     | CCVE           | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 98-06-6     | tert-Butylbenzene              | ND     |                | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 127-18-4    | Tetrachloroethylene            | ND     |                | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 109-99-9    | * Tetrahydrofuran              | ND     |                | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |





## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 4:15 pm

**Date Received**

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                                 | Result        | Flag           | Units | Reported to<br>LOD/MDL  | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|-------------------------------------------|---------------|----------------|-------|-------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-88-3                    | Toluene                                   | ND            |                | ug/L  | 0.346                   | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                | ug/L  | 0.279                   | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                | ug/L  | 0.229                   | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 110-57-6                    | trans-1,4-dichloro-2-butene               | ND            | CCVE,<br>QL-02 | ug/L  | 0.283                   | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 79-01-6                     | Trichloroethylene                         | ND            |                | ug/L  | 0.249                   | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                | ug/L  | 0.337                   | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 108-05-4                    | Vinyl acetate                             | ND            |                | ug/L  | 0.477                   | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                | ug/L  | 0.469                   | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                | ug/L  | 0.839                   | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 17:24      | AC      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> |                |       | <b>Acceptance Range</b> |       |          |                                                                                     |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 105 %         |                |       | 69-130                  |       |          |                                                                                     |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 93.9 %        |                |       | 81-117                  |       |          |                                                                                     |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 109 %         |                |       | 79-122                  |       |          |                                                                                     |                       |                       |         |

### Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3535A

| CAS No.              | Parameter                 | Result | Flag             | Units | Reported to<br>LOQ | Dilution | Reference Method                                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------|--------|------------------|-------|--------------------|----------|------------------------------------------------------------|-----------------------|-----------------------|---------|
| 123-91-1             | 1,4-Dioxane               | ND     |                  | ug/L  | 0.300              | 1        | EPA 8270E SIM<br>Certifications: NJDEP-CT005,NELAC-NY10854 | 04/24/2025 07:00      | 04/25/2025 14:19      | SS      |
| Surrogate Recoveries |                           | Result | Acceptance Range |       |                    |          |                                                            |                       |                       |         |
| 17647-74-4           | Surrogate: 1,4-Dioxane-d8 | 88.0 % | 36.6-118         |       |                    |          |                                                            |                       |                       |         |

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                           | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS) | ND     |      | ng/L  | 0.447                  | 1.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)      | ND     |      | ng/L  | 0.333                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)     | ND     |      | ng/L  | 0.675                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |

120 RESEARCH DRIVE

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FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@

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## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 4:15 pm

**Date Received**

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | ND     |      | ng/L  | 0.647                  | 1.74 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | ND     |      | ng/L  | 0.400                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | ND     |      | ng/L  | 0.780                  | 1.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | ND     |      | ng/L  | 0.495                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.713                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.07                   | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.837                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.704                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.656                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.752                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 0.980                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | ND     |      | ng/L  | 0.219                  | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.837                  | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.866                  | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.26                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.13                   | 7.23 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 1.95                   | 7.31 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 0.314                  | 7.61 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.476                  | 3.39 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.04                   | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.238                  | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 0.352                  | 3.81 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |      | ng/L  | 0.723                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 4:15 pm

04/18/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 1.70                   | 7.13 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 3.07                   | 7.61 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |      | ng/L  | 1.31                   | 7.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |      | ng/L  | 0.666                  | 7.12 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 919005-14-4 | ADONA                                              | ND     |      | ng/L  | 0.504                  | 7.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     |      | ng/L  | 0.885                  | 1.85 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |      | ng/L  | 0.818                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |      | ng/L  | 1.93                   | 4.76 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |      | ng/L  | 6.97                   | 23.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |      | ng/L  | 9.01                   | 23.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |      | ng/L  | 3.80                   | 19.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |      | ng/L  | 1.50                   | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |      | ng/L  | 3.80                   | 19.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |      | ng/L  | 1.71                   | 1.90 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:29      | AM      |

| Surrogate Recoveries |                                                           | Result | Acceptance Range |
|----------------------|-----------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                         | 126 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 111 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                        | 116 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                        | 123 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 122 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 103 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                        | 95.2 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 89.6 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 70.6 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 36.0 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 115 %  | 25-150           |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1227-12

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 4:15 pm

**Date Received**

04/18/2025

### PFAS, EPA 1633 Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)   | 105 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 115 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                 | 113 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                 | 118 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                   | 127 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                   | 116 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                       | 103 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                   | 131 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                   | 76.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                   | 68.1 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                    | 117 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                  | 84.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                  | 89.3 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

### Glycols, Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

| CAS No.  | Parameter                 | Result | Flag | Units            | Reported to<br>LOQ | Dilution | Reference Method          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------------------------|--------|------|------------------|--------------------|----------|---------------------------|-----------------------|-----------------------|---------|
| 107-21-1 | * Ethylene Glycol         | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 18:16      | GXB     |
| 57-55-6  | * Propylene Glycol        | ND     |      | mg/L             | 10.0               | 1        | GC/FID<br>Certifications: | 04/19/2025 09:48      | 04/19/2025 18:16      | GXB     |
|          | Surrogate Recoveries      | Result |      | Acceptance Range |                    |          |                           |                       |                       |         |
| 110-63-4 | Surrogate: 1,4-Butanediol |        |      | 30-130           |                    |          |                           |                       |                       |         |

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1227-13

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 2:00 pm

**Date Received**

04/18/2025

### VOA, 8260 LOW MASTER

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.216                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1227-13

**York Project (SDG) No.**

25D1227

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 17, 2025 2:00 pm

**Date Received**

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|-------|-------|------------------------|-------|----------|------------------------------|-----------------------|-----------------------|---------|
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |       | ug/L  | 0.266                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |       | ug/L  | 0.256                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |       | ug/L  | 0.286                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |       | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |       | ug/L  | 0.272                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |       | ug/L  | 0.314                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     | QL-02 | ug/L  | 0.222                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |       | ug/L  | 0.273                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 95-93-2  | * 1,2,4,5-Tetramethylbenzene                         | ND     |       | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |       | ug/L  | 0.138                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |       | ug/L  | 0.310                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |       | ug/L  | 0.432                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |       | ug/L  | 0.215                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |       | ug/L  | 0.270                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |       | ug/L  | 0.327                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |       | ug/L  | 0.347                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |       | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |       | ug/L  | 0.260                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 123-91-1 | 1,4-Dioxane                                          | ND     | CCVE  | ug/L  | 35.3                   | 80.0  | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |       | ug/L  | 0.466                  | 0.500 | 1        | EPA 8260D<br>Certifications: | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1227-13

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 2:00 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 78-93-3    | 2-Butanone                | ND     |       | ug/L  | 0.421                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 95-49-8    | 2-Chlorotoluene           | ND     |       | ug/L  | 0.376                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 591-78-6   | 2-Hexanone                | ND     |       | ug/L  | 0.320                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 106-43-4   | 4-Chlorotoluene           | ND     |       | ug/L  | 0.311                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |       | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 67-64-1    | Acetone                   | ND     |       | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 107-02-8   | Acrolein                  | ND     |       | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 107-13-1   | Acrylonitrile             | ND     |       | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 71-43-2    | Benzene                   | ND     |       | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-86-1   | Bromobenzene              | ND     |       | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 74-97-5    | Bromochloromethane        | ND     |       | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-27-4    | Bromodichloromethane      | ND     |       | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-25-2    | Bromoform                 | ND     |       | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 74-83-9    | Bromomethane              | ND     |       | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-15-0    | Carbon disulfide          | ND     |       | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 56-23-5    | Carbon tetrachloride      | ND     |       | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-90-7   | Chlorobenzene             | ND     |       | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-00-3    | Chloroethane              | ND     |       | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 67-66-3    | Chloroform                | ND     |       | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 74-87-3    | Chloromethane             | ND     |       | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |       | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |       | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 110-82-7   | Cyclohexane               | ND     | QL-02 | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |





## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1227-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 2:00 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                      | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------|--------|-------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 124-48-1    | Dibromochloromethane           | ND     |       | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 74-95-3     | Dibromomethane                 | ND     |       | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-71-8     | Dichlorodifluoromethane        | ND     |       | ug/L  | 0.451                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-20-3    | Diisopropyl ether (DIPE)       | ND     |       | ug/L  | 0.466                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 100-41-4    | Ethyl Benzene                  | ND     |       | ug/L  | 0.290                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 637-92-3    | Ethyl tert-butyl ether (ETBE)  | ND     |       | ug/L  | 0.479                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 87-68-3     | Hexachlorobutadiene            | ND     |       | ug/L  | 0.241                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 74-88-4     | * Iodomethane                  | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 98-82-8     | Isopropylbenzene               | ND     |       | ug/L  | 0.405                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 79-20-9     | Methyl acetate                 | ND     | QL-02 | ug/L  | 0.442                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 80-62-6     | Methyl Methacrylate            | ND     |       | ug/L  | 0.415                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005                | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     | QL-02 | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-87-2    | Methylcyclohexane              | ND     |       | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-09-2     | Methylene chloride             | ND     |       | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 91-20-3     | Naphthalene                    | ND     |       | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 104-51-8    | n-Butylbenzene                 | ND     |       | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 103-65-1    | n-Propylbenzene                | ND     |       | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 95-47-6     | o-Xylene                       | ND     |       | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 179601-23-1 | p- & m- Xylenes                | ND     |       | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 105-05-5    | * p-Diethylbenzene             | ND     |       | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 622-96-8    | * p-Ethyltoluene               | ND     |       | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 99-87-6     | p-Isopropyltoluene             | ND     |       | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 135-98-8    | sec-Butylbenzene               | ND     |       | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |





## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 25D1227-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1227

Westchester County Airport (WCA)

Ground Water

April 17, 2025 2:00 pm

04/18/2025

### VOA, 8260 LOW MASTER

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.              | Parameter                                 | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Method                                                                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-------------------------------------------|--------|------------------|-------|------------------------|-------|----------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 100-42-5             | Styrene                                   | ND     |                  | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-85-4              | tert-Amyl alcohol (TAA)                   | ND     | CCVE,<br>QL-02   | ug/L  | 4.16                   | 8.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 994-05-8             | tert-Amyl methyl ether (TAME)             | ND     |                  | ug/L  | 0.511                  | 0.800 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-65-0              | tert-Butyl alcohol (TBA)                  | ND     | CCVE             | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 98-06-6              | tert-Butylbenzene                         | ND     |                  | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 127-18-4             | Tetrachloroethylene                       | ND     |                  | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 109-99-9             | * Tetrahydrofuran                         | ND     |                  | ug/L  | 0.485                  | 0.500 | 1        | EPA 8260D<br>Certifications:                                                        | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-88-3             | Toluene                                   | ND     |                  | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 156-60-5             | trans-1,2-Dichloroethylene                | ND     |                  | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 10061-02-6           | trans-1,3-Dichloropropylene               | ND     |                  | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 110-57-6             | trans-1,4-dichloro-2-butene               | ND     | CCVE,<br>QL-02   | ug/L  | 0.283                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 79-01-6              | Trichloroethylene                         | ND     |                  | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-69-4              | Trichlorofluoromethane                    | ND     |                  | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 108-05-4             | Vinyl acetate                             | ND     |                  | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 75-01-4              | Vinyl Chloride                            | ND     |                  | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| 1330-20-7            | Xylenes, Total                            | ND     |                  | ug/L  | 0.839                  | 1.50  | 1        | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005  | 04/29/2025 09:00      | 04/29/2025 16:59      | AC      |
| Surrogate Recoveries |                                           | Result | Acceptance Range |       |                        |       |          |                                                                                     |                       |                       |         |
| 17060-07-0           | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 104 %  | 69-130           |       |                        |       |          |                                                                                     |                       |                       |         |
| 2037-26-5            | Surrogate: SURR: Toluene-d8               | 94.9 % | 81-117           |       |                        |       |          |                                                                                     |                       |                       |         |
| 460-00-4             | Surrogate: SURR:<br>p-Bromofluorobenzene  | 106 %  | 79-122           |       |                        |       |          |                                                                                     |                       |                       |         |



## Analytical Batch Summary

**Batch ID:** BD51446      **Preparation Method** Preparation for GC Analysis      **Prepared By:** GXB

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1227-06     | FMW-37           | 04/19/25         |
| 25D1227-12     | Field Blank      | 04/19/25         |
| BD51446-BLK1   | Blank            | 04/19/25         |

**Batch ID:** BD51580      **Preparation Method** EPA 1633 Prep      **Prepared By:** JBG

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1227-01     | MW-64            | 04/22/25         |
| BD51580-BLK1   | Blank            | 04/22/25         |
| BD51580-BS1    | LCS              | 04/22/25         |
| BD51580-BS2    | LCS              | 04/22/25         |

**Batch ID:** BD51677      **Preparation Method** EPA 1633 Prep      **Prepared By:** JBG

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1227-01RE1  | MW-64            | 04/23/25         |
| 25D1227-01RE2  | MW-64            | 04/23/25         |
| 25D1227-02     | FMW-14           | 04/23/25         |
| 25D1227-03     | MW-52            | 04/23/25         |
| 25D1227-04     | FMW-23           | 04/23/25         |
| 25D1227-05     | MW-53            | 04/23/25         |
| 25D1227-05RE1  | MW-53            | 04/23/25         |
| 25D1227-07     | MW-7S            | 04/23/25         |
| 25D1227-08     | FMW-35           | 04/23/25         |
| 25D1227-09     | FMW-40           | 04/23/25         |
| 25D1227-10     | FMW-31           | 04/23/25         |
| 25D1227-11     | Field Duplicate  | 04/23/25         |
| 25D1227-12     | Field Blank      | 04/23/25         |
| BD51677-BLK1   | Blank            | 04/23/25         |
| BD51677-BS1    | LCS              | 04/23/25         |
| BD51677-BS2    | LCS              | 04/23/25         |
| BD51677-MS1    | Matrix Spike     | 04/23/25         |
| BD51677-MSD1   | Matrix Spike Dup | 04/23/25         |

**Batch ID:** BD51712      **Preparation Method** EPA 3535A      **Prepared By:** YL

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1227-07     | MW-7S            | 04/24/25         |
| 25D1227-11     | Field Duplicate  | 04/24/25         |
| 25D1227-12     | Field Blank      | 04/24/25         |
| BD51712-BLK1   | Blank            | 04/24/25         |
| BD51712-BS1    | LCS              | 04/24/25         |
| BD51712-MS1    | Matrix Spike     | 04/24/25         |
| BD51712-MSD1   | Matrix Spike Dup | 04/24/25         |



**Batch ID:** BD52170

**Preparation Method** EPA 5030B

**Prepared By:** BMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1227-01     | MW-64            | 04/29/25         |
| 25D1227-02     | FMW-14           | 04/29/25         |
| 25D1227-04     | FMW-23           | 04/29/25         |
| 25D1227-05     | MW-53            | 04/29/25         |
| 25D1227-07     | MW-7S            | 04/29/25         |
| 25D1227-09     | FMW-40           | 04/29/25         |
| 25D1227-10     | FMW-31           | 04/29/25         |
| 25D1227-11     | Field Duplicate  | 04/29/25         |
| 25D1227-12     | Field Blank      | 04/29/25         |
| 25D1227-13     | Trip Blank       | 04/29/25         |
| BD52170-BLK1   | Blank            | 04/29/25         |
| BD52170-BS1    | LCS              | 04/29/25         |
| BD52170-BSD1   | LCS Dup          | 04/29/25         |
| BD52170-MS1    | Matrix Spike     | 04/29/25         |
| BD52170-MSD1   | Matrix Spike Dup | 04/29/25         |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD52170 - EPA 5030B

#### Blank (BD52170-BLK1)

Prepared & Analyzed: 04/29/2025

|                                                      |    |       |      |
|------------------------------------------------------|----|-------|------|
| 1,1,1,2-Tetrachloroethane                            | ND | 0.500 | ug/L |
| 1,1,1-Trichloroethane                                | ND | 0.500 | "    |
| 1,1,2,2-Tetrachloroethane                            | ND | 0.500 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND | 0.500 | "    |
| 1,1,2-Trichloroethane                                | ND | 0.500 | "    |
| 1,1-Dichloroethane                                   | ND | 0.500 | "    |
| 1,1-Dichloroethylene                                 | ND | 0.500 | "    |
| 1,1-Dichloropropylene                                | ND | 0.500 | "    |
| 1,2,3-Trichlorobenzene                               | ND | 0.500 | "    |
| 1,2,3-Trichloropropane                               | ND | 0.500 | "    |
| 1,2,4,5-Tetramethylbenzene                           | ND | 0.500 | "    |
| 1,2,4-Trichlorobenzene                               | ND | 0.500 | "    |
| 1,2,4-Trimethylbenzene                               | ND | 0.500 | "    |
| 1,2-Dibromo-3-chloropropane                          | ND | 0.500 | "    |
| 1,2-Dibromoethane                                    | ND | 0.500 | "    |
| 1,2-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,2-Dichloroethane                                   | ND | 0.500 | "    |
| 1,2-Dichloropropane                                  | ND | 0.500 | "    |
| 1,3,5-Trimethylbenzene                               | ND | 0.500 | "    |
| 1,3-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,3-Dichloropropane                                  | ND | 0.500 | "    |
| 1,4-Dichlorobenzene                                  | ND | 0.500 | "    |
| 1,4-Dioxane                                          | ND | 80.0  | "    |
| 2,2-Dichloropropane                                  | ND | 0.500 | "    |
| 2-Butanone                                           | ND | 0.500 | "    |
| 2-Chlorotoluene                                      | ND | 0.500 | "    |
| 2-Hexanone                                           | ND | 0.500 | "    |
| 4-Chlorotoluene                                      | ND | 0.500 | "    |
| 4-Methyl-2-pentanone                                 | ND | 0.500 | "    |
| Acetone                                              | ND | 2.00  | "    |
| Acrolein                                             | ND | 0.500 | "    |
| Acrylonitrile                                        | ND | 0.500 | "    |
| Benzene                                              | ND | 0.500 | "    |
| Bromobenzene                                         | ND | 0.500 | "    |
| Bromochloromethane                                   | ND | 0.500 | "    |
| Bromodichloromethane                                 | ND | 0.500 | "    |
| Bromoform                                            | ND | 0.500 | "    |
| Bromomethane                                         | ND | 0.500 | "    |
| Carbon disulfide                                     | ND | 0.500 | "    |
| Carbon tetrachloride                                 | ND | 0.500 | "    |
| Chlorobenzene                                        | ND | 0.500 | "    |
| Chloroethane                                         | ND | 0.500 | "    |
| Chloroform                                           | ND | 0.500 | "    |
| Chloromethane                                        | ND | 0.500 | "    |
| cis-1,2-Dichloroethylene                             | ND | 0.500 | "    |
| cis-1,3-Dichloropropylene                            | ND | 0.500 | "    |
| Cyclohexane                                          | ND | 0.500 | "    |
| Dibromochloromethane                                 | ND | 0.500 | "    |
| Dibromomethane                                       | ND | 0.500 | "    |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD52170 - EPA 5030B

##### Blank (BD52170-BLK1)

Prepared & Analyzed: 04/29/2025

|                                |    |       |      |
|--------------------------------|----|-------|------|
| Dichlorodifluoromethane        | ND | 0.500 | ug/L |
| Diisopropyl ether (DIPE)       | ND | 0.800 | "    |
| Ethyl Benzene                  | ND | 0.500 | "    |
| Ethyl tert-butyl ether (ETBE)  | ND | 0.800 | "    |
| Hexachlorobutadiene            | ND | 0.500 | "    |
| Iodomethane                    | ND | 0.500 | "    |
| Isopropylbenzene               | ND | 0.500 | "    |
| Methyl acetate                 | ND | 0.500 | "    |
| Methyl Methacrylate            | ND | 0.500 | "    |
| Methyl tert-butyl ether (MTBE) | ND | 0.500 | "    |
| Methylcyclohexane              | ND | 0.500 | "    |
| Methylene chloride             | ND | 2.00  | "    |
| Naphthalene                    | ND | 2.00  | "    |
| n-Butylbenzene                 | ND | 0.500 | "    |
| n-Propylbenzene                | ND | 0.500 | "    |
| o-Xylene                       | ND | 0.500 | "    |
| p- & m- Xylenes                | ND | 1.00  | "    |
| p-Diethylbenzene               | ND | 0.500 | "    |
| p-Ethyltoluene                 | ND | 0.500 | "    |
| p-Isopropyltoluene             | ND | 0.500 | "    |
| sec-Butylbenzene               | ND | 0.500 | "    |
| Styrene                        | ND | 0.500 | "    |
| tert-Amyl alcohol (TAA)        | ND | 8.00  | "    |
| tert-Amyl methyl ether (TAME)  | ND | 0.800 | "    |
| tert-Butyl alcohol (TBA)       | ND | 1.00  | "    |
| tert-Butylbenzene              | ND | 0.500 | "    |
| Tetrachloroethylene            | ND | 0.500 | "    |
| Tetrahydrofuran                | ND | 0.500 | "    |
| Toluene                        | ND | 0.500 | "    |
| trans-1,2-Dichloroethylene     | ND | 0.500 | "    |
| trans-1,3-Dichloropropylene    | ND | 0.500 | "    |
| trans-1,4-dichloro-2-butene    | ND | 0.500 | "    |
| Trichloroethylene              | ND | 0.500 | "    |
| Trichlorofluoromethane         | ND | 0.500 | "    |
| Vinyl acetate                  | ND | 0.500 | "    |
| Vinyl Chloride                 | ND | 0.500 | "    |
| Xylenes, Total                 | ND | 1.50  | "    |

|                                        |      |   |      |      |        |
|----------------------------------------|------|---|------|------|--------|
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.2 | " | 10.0 | 102  | 69-130 |
| Surrogate: SURR: Toluene-d8            | 9.37 | " | 10.0 | 93.7 | 81-117 |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.6 | " | 10.0 | 106  | 79-122 |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-----|-----------|------|
| <b>Batch BD52170 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |     |           |      |
| <b>LCS (BD52170-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 04/29/2025 |             |           |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 9.73   |                 | ug/L  | 10.0        |                | 97.3                            | 82-126      |           |     |           |      |
| 1,1,1-Trichloroethane                             | 9.83   |                 | "     | 10.0        |                | 98.3                            | 78-136      |           |     |           |      |
| 1,1,2,2-Tetrachloroethane                         | 8.50   |                 | "     | 10.0        |                | 85.0                            | 76-129      |           |     |           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.8   |                 | "     | 10.0        |                | 108                             | 54-165      |           |     |           |      |
| 1,1,2-Trichloroethane                             | 8.51   |                 | "     | 10.0        |                | 85.1                            | 82-123      |           |     |           |      |
| 1,1-Dichloroethane                                | 9.91   |                 | "     | 10.0        |                | 99.1                            | 82-129      |           |     |           |      |
| 1,1-Dichloroethylene                              | 11.2   |                 | "     | 10.0        |                | 112                             | 68-138      |           |     |           |      |
| 1,1-Dichloropropylene                             | 10.3   |                 | "     | 10.0        |                | 103                             | 83-133      |           |     |           |      |
| 1,2,3-Trichlorobenzene                            | 7.31   |                 | "     | 10.0        |                | 73.1                            | 76-136      | Low Bias  |     |           |      |
| 1,2,3-Trichloropropane                            | 8.44   |                 | "     | 10.0        |                | 84.4                            | 77-128      |           |     |           |      |
| 1,2,4,5-Tetramethylbenzene                        | 9.29   |                 | "     | 10.0        |                | 92.9                            | 85-140      |           |     |           |      |
| 1,2,4-Trichlorobenzene                            | 7.99   |                 | "     | 10.0        |                | 79.9                            | 76-137      |           |     |           |      |
| 1,2,4-Trimethylbenzene                            | 10.9   |                 | "     | 10.0        |                | 109                             | 82-132      |           |     |           |      |
| 1,2-Dibromo-3-chloropropane                       | 7.42   |                 | "     | 10.0        |                | 74.2                            | 45-147      |           |     |           |      |
| 1,2-Dibromoethane                                 | 8.53   |                 | "     | 10.0        |                | 85.3                            | 83-124      |           |     |           |      |
| 1,2-Dichlorobenzene                               | 9.43   |                 | "     | 10.0        |                | 94.3                            | 79-123      |           |     |           |      |
| 1,2-Dichloroethane                                | 8.86   |                 | "     | 10.0        |                | 88.6                            | 73-132      |           |     |           |      |
| 1,2-Dichloropropane                               | 9.86   |                 | "     | 10.0        |                | 98.6                            | 78-126      |           |     |           |      |
| 1,3,5-Trimethylbenzene                            | 13.2   |                 | "     | 10.0        |                | 132                             | 80-131      | High Bias |     |           |      |
| 1,3-Dichlorobenzene                               | 9.99   |                 | "     | 10.0        |                | 99.9                            | 86-122      |           |     |           |      |
| 1,3-Dichloropropane                               | 8.74   |                 | "     | 10.0        |                | 87.4                            | 81-125      |           |     |           |      |
| 1,4-Dichlorobenzene                               | 9.58   |                 | "     | 10.0        |                | 95.8                            | 85-124      |           |     |           |      |
| 1,4-Dioxane                                       | 174    |                 | "     | 210         |                | 83.0                            | 10-349      |           |     |           |      |
| 2,2-Dichloropropane                               | 10.2   |                 | "     | 10.0        |                | 102                             | 56-150      |           |     |           |      |
| 2-Butanone                                        | 7.29   |                 | "     | 10.0        |                | 72.9                            | 49-152      |           |     |           |      |
| 2-Chlorotoluene                                   | 10.7   |                 | "     | 10.0        |                | 107                             | 79-130      |           |     |           |      |
| 2-Hexanone                                        | 6.22   |                 | "     | 10.0        |                | 62.2                            | 51-146      |           |     |           |      |
| 4-Chlorotoluene                                   | 10.8   |                 | "     | 10.0        |                | 108                             | 79-128      |           |     |           |      |
| 4-Methyl-2-pentanone                              | 6.21   |                 | "     | 10.0        |                | 62.1                            | 57-145      |           |     |           |      |
| Acetone                                           | 5.93   |                 | "     | 10.0        |                | 59.3                            | 14-150      |           |     |           |      |
| Acrolein                                          | 5.46   |                 | "     | 10.0        |                | 54.6                            | 10-153      |           |     |           |      |
| Acrylonitrile                                     | 7.80   |                 | "     | 10.0        |                | 78.0                            | 51-150      |           |     |           |      |
| Benzene                                           | 10.2   |                 | "     | 10.0        |                | 102                             | 85-126      |           |     |           |      |
| Bromobenzene                                      | 9.96   |                 | "     | 10.0        |                | 99.6                            | 78-129      |           |     |           |      |
| Bromochloromethane                                | 9.18   |                 | "     | 10.0        |                | 91.8                            | 77-128      |           |     |           |      |
| Bromodichloromethane                              | 9.24   |                 | "     | 10.0        |                | 92.4                            | 79-128      |           |     |           |      |
| Bromoform                                         | 7.86   |                 | "     | 10.0        |                | 78.6                            | 78-133      |           |     |           |      |
| Bromomethane                                      | 10.4   |                 | "     | 10.0        |                | 104                             | 43-168      |           |     |           |      |
| Carbon disulfide                                  | 11.6   |                 | "     | 10.0        |                | 116                             | 68-146      |           |     |           |      |
| Carbon tetrachloride                              | 10.2   |                 | "     | 10.0        |                | 102                             | 77-141      |           |     |           |      |
| Chlorobenzene                                     | 9.87   |                 | "     | 10.0        |                | 98.7                            | 88-120      |           |     |           |      |
| Chloroethane                                      | 11.8   |                 | "     | 10.0        |                | 118                             | 65-136      |           |     |           |      |
| Chloroform                                        | 9.62   |                 | "     | 10.0        |                | 96.2                            | 82-128      |           |     |           |      |
| Chloromethane                                     | 10.9   |                 | "     | 10.0        |                | 109                             | 43-155      |           |     |           |      |
| cis-1,2-Dichloroethylene                          | 9.96   |                 | "     | 10.0        |                | 99.6                            | 83-129      |           |     |           |      |
| cis-1,3-Dichloropropylene                         | 9.03   |                 | "     | 10.0        |                | 90.3                            | 80-131      |           |     |           |      |
| Cyclohexane                                       | 5.02   |                 | "     | 10.0        |                | 50.2                            | 63-149      | Low Bias  |     |           |      |
| Dibromochloromethane                              | 8.65   |                 | "     | 10.0        |                | 86.5                            | 80-130      |           |     |           |      |
| Dibromomethane                                    | 8.37   |                 | "     | 10.0        |                | 83.7                            | 72-134      |           |     |           |      |
| Dichlorodifluoromethane                           | 9.74   |                 | "     | 10.0        |                | 97.4                            | 44-144      |           |     |           |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD52170 - EPA 5030B

#### LCS (BD52170-BS1)

Prepared & Analyzed: 04/29/2025

|                                        |      |  |      |      |  |      |        |           |  |  |  |
|----------------------------------------|------|--|------|------|--|------|--------|-----------|--|--|--|
| Diisopropyl ether (DIPE)               | 9.10 |  | ug/L | 10.0 |  | 91.0 | 70-130 |           |  |  |  |
| Ethyl Benzene                          | 10.9 |  | "    | 10.0 |  | 109  | 80-131 |           |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | 7.88 |  | "    | 10.0 |  | 78.8 | 70-130 |           |  |  |  |
| Hexachlorobutadiene                    | 11.8 |  | "    | 10.0 |  | 118  | 67-146 |           |  |  |  |
| Iodomethane                            | 10.9 |  | "    | 10.0 |  | 109  | 70-130 |           |  |  |  |
| Isopropylbenzene                       | 11.5 |  | "    | 10.0 |  | 115  | 76-140 |           |  |  |  |
| Methyl acetate                         | 4.83 |  | "    | 10.0 |  | 48.3 | 51-139 | Low Bias  |  |  |  |
| Methyl Methacrylate                    | 7.80 |  | "    | 10.0 |  | 78.0 | 72-132 |           |  |  |  |
| Methyl tert-butyl ether (MTBE)         | 7.37 |  | "    | 10.0 |  | 73.7 | 76-135 | Low Bias  |  |  |  |
| Methylcyclohexane                      | 10.5 |  | "    | 10.0 |  | 105  | 72-143 |           |  |  |  |
| Methylene chloride                     | 9.30 |  | "    | 10.0 |  | 93.0 | 55-137 |           |  |  |  |
| Naphthalene                            | 7.56 |  | "    | 10.0 |  | 75.6 | 70-147 |           |  |  |  |
| n-Butylbenzene                         | 11.2 |  | "    | 10.0 |  | 112  | 79-132 |           |  |  |  |
| n-Propylbenzene                        | 11.4 |  | "    | 10.0 |  | 114  | 78-133 |           |  |  |  |
| o-Xylene                               | 10.4 |  | "    | 10.0 |  | 104  | 78-130 |           |  |  |  |
| p- & m- Xylenes                        | 21.8 |  | "    | 20.0 |  | 109  | 77-133 |           |  |  |  |
| p-Diethylbenzene                       | 10.8 |  | "    | 10.0 |  | 108  | 84-134 |           |  |  |  |
| p-Ethyltoluene                         | 13.2 |  | "    | 10.0 |  | 132  | 88-129 | High Bias |  |  |  |
| p-Isopropyltoluene                     | 11.7 |  | "    | 10.0 |  | 117  | 81-136 |           |  |  |  |
| sec-Butylbenzene                       | 11.3 |  | "    | 10.0 |  | 113  | 79-137 |           |  |  |  |
| Styrene                                | 10.9 |  | "    | 10.0 |  | 109  | 67-132 |           |  |  |  |
| tert-Amyl alcohol (TAA)                | 42.7 |  | "    | 100  |  | 42.7 | 70-130 | Low Bias  |  |  |  |
| tert-Amyl methyl ether (TAME)          | 7.17 |  | "    | 10.0 |  | 71.7 | 70-130 |           |  |  |  |
| tert-Butyl alcohol (TBA)               | 19.9 |  | "    | 50.0 |  | 39.8 | 25-162 |           |  |  |  |
| tert-Butylbenzene                      | 9.66 |  | "    | 10.0 |  | 96.6 | 77-138 |           |  |  |  |
| Tetrachloroethylene                    | 9.21 |  | "    | 10.0 |  | 92.1 | 82-131 |           |  |  |  |
| Tetrahydrofuran                        | 6.83 |  | "    | 10.0 |  | 68.3 | 36-166 |           |  |  |  |
| Toluene                                | 10.4 |  | "    | 10.0 |  | 104  | 80-127 |           |  |  |  |
| trans-1,2-Dichloroethylene             | 10.4 |  | "    | 10.0 |  | 104  | 80-132 |           |  |  |  |
| trans-1,3-Dichloropropylene            | 8.61 |  | "    | 10.0 |  | 86.1 | 78-131 |           |  |  |  |
| trans-1,4-dichloro-2-butene            | 6.27 |  | "    | 10.0 |  | 62.7 | 63-141 | Low Bias  |  |  |  |
| Trichloroethylene                      | 10.2 |  | "    | 10.0 |  | 102  | 82-128 |           |  |  |  |
| Trichlorofluoromethane                 | 12.0 |  | "    | 10.0 |  | 120  | 67-139 |           |  |  |  |
| Vinyl acetate                          | 6.41 |  | "    | 10.0 |  | 64.1 | 21-90  |           |  |  |  |
| Vinyl Chloride                         | 11.1 |  | "    | 10.0 |  | 111  | 58-145 |           |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 8.63 |  | "    | 10.0 |  | 86.3 | 69-130 |           |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.1 |  | "    | 10.0 |  | 101  | 81-117 |           |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2 |  | "    | 10.0 |  | 102  | 79-122 |           |  |  |  |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-------|------|
| <b>Batch BD52170 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |       |       |      |
| <b>LCS Dup (BD52170-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/29/2025 |             |          |       |       |      |
| 1,1,1,2-Tetrachloroethane                         | 9.81   |                 | ug/L  | 10.0        |                | 98.1                            | 82-126      |          | 0.819 | 30    |      |
| 1,1,1-Trichloroethane                             | 9.42   |                 | "     | 10.0        |                | 94.2                            | 78-136      |          | 4.26  | 30    |      |
| 1,1,2,2-Tetrachloroethane                         | 9.99   |                 | "     | 10.0        |                | 99.9                            | 76-129      |          | 16.1  | 30    |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.1   |                 | "     | 10.0        |                | 101                             | 54-165      |          | 6.90  | 30    |      |
| 1,1,2-Trichloroethane                             | 9.25   |                 | "     | 10.0        |                | 92.5                            | 82-123      |          | 8.33  | 30    |      |
| 1,1-Dichloroethane                                | 9.78   |                 | "     | 10.0        |                | 97.8                            | 82-129      |          | 1.32  | 30    |      |
| 1,1-Dichloroethylene                              | 10.5   |                 | "     | 10.0        |                | 105                             | 68-138      |          | 6.82  | 30    |      |
| 1,1-Dichloropropylene                             | 9.87   |                 | "     | 10.0        |                | 98.7                            | 83-133      |          | 4.65  | 30    |      |
| 1,2,3-Trichlorobenzene                            | 9.02   |                 | "     | 10.0        |                | 90.2                            | 76-136      |          | 20.9  | 30    |      |
| 1,2,3-Trichloropropane                            | 9.96   |                 | "     | 10.0        |                | 99.6                            | 77-128      |          | 16.5  | 30    |      |
| 1,2,4,5-Tetramethylbenzene                        | 9.58   |                 | "     | 10.0        |                | 95.8                            | 85-140      |          | 3.07  | 30    |      |
| 1,2,4-Trichlorobenzene                            | 8.98   |                 | "     | 10.0        |                | 89.8                            | 76-137      |          | 11.7  | 30    |      |
| 1,2,4-Trimethylbenzene                            | 10.6   |                 | "     | 10.0        |                | 106                             | 82-132      |          | 2.97  | 30    |      |
| 1,2-Dibromo-3-chloropropane                       | 8.57   |                 | "     | 10.0        |                | 85.7                            | 45-147      |          | 14.4  | 30    |      |
| 1,2-Dibromoethane                                 | 9.42   |                 | "     | 10.0        |                | 94.2                            | 83-124      |          | 9.92  | 30    |      |
| 1,2-Dichlorobenzene                               | 9.90   |                 | "     | 10.0        |                | 99.0                            | 79-123      |          | 4.86  | 30    |      |
| 1,2-Dichloroethane                                | 9.80   |                 | "     | 10.0        |                | 98.0                            | 73-132      |          | 10.1  | 30    |      |
| 1,2-Dichloropropane                               | 9.63   |                 | "     | 10.0        |                | 96.3                            | 78-126      |          | 2.36  | 30    |      |
| 1,3,5-Trimethylbenzene                            | 12.6   |                 | "     | 10.0        |                | 126                             | 80-131      |          | 4.90  | 30    |      |
| 1,3-Dichlorobenzene                               | 10.0   |                 | "     | 10.0        |                | 100                             | 86-122      |          | 0.400 | 30    |      |
| 1,3-Dichloropropane                               | 9.39   |                 | "     | 10.0        |                | 93.9                            | 81-125      |          | 7.17  | 30    |      |
| 1,4-Dichlorobenzene                               | 9.73   |                 | "     | 10.0        |                | 97.3                            | 85-124      |          | 1.55  | 30    |      |
| 1,4-Dioxane                                       | 189    |                 | "     | 210         |                | 89.8                            | 10-349      |          | 7.83  | 30    |      |
| 2,2-Dichloropropane                               | 9.71   |                 | "     | 10.0        |                | 97.1                            | 56-150      |          | 5.41  | 30    |      |
| 2-Butanone                                        | 9.37   |                 | "     | 10.0        |                | 93.7                            | 49-152      |          | 25.0  | 30    |      |
| 2-Chlorotoluene                                   | 10.3   |                 | "     | 10.0        |                | 103                             | 79-130      |          | 3.24  | 30    |      |
| 2-Hexanone                                        | 7.97   |                 | "     | 10.0        |                | 79.7                            | 51-146      |          | 24.7  | 30    |      |
| 4-Chlorotoluene                                   | 10.4   |                 | "     | 10.0        |                | 104                             | 79-128      |          | 3.12  | 30    |      |
| 4-Methyl-2-pentanone                              | 7.80   |                 | "     | 10.0        |                | 78.0                            | 57-145      |          | 22.7  | 30    |      |
| Acetone                                           | 7.54   |                 | "     | 10.0        |                | 75.4                            | 14-150      |          | 23.9  | 30    |      |
| Acrolein                                          | 6.50   |                 | "     | 10.0        |                | 65.0                            | 10-153      |          | 17.4  | 30    |      |
| Acrylonitrile                                     | 10.1   |                 | "     | 10.0        |                | 101                             | 51-150      |          | 25.6  | 30    |      |
| Benzene                                           | 10.0   |                 | "     | 10.0        |                | 100                             | 85-126      |          | 1.87  | 30    |      |
| Bromobenzene                                      | 10.2   |                 | "     | 10.0        |                | 102                             | 78-129      |          | 2.28  | 30    |      |
| Bromochloromethane                                | 9.82   |                 | "     | 10.0        |                | 98.2                            | 77-128      |          | 6.74  | 30    |      |
| Bromodichloromethane                              | 9.39   |                 | "     | 10.0        |                | 93.9                            | 79-128      |          | 1.61  | 30    |      |
| Bromoform                                         | 8.95   |                 | "     | 10.0        |                | 89.5                            | 78-133      |          | 13.0  | 30    |      |
| Bromomethane                                      | 9.19   |                 | "     | 10.0        |                | 91.9                            | 43-168      |          | 12.8  | 30    |      |
| Carbon disulfide                                  | 10.8   |                 | "     | 10.0        |                | 108                             | 68-146      |          | 6.68  | 30    |      |
| Carbon tetrachloride                              | 9.73   |                 | "     | 10.0        |                | 97.3                            | 77-141      |          | 4.72  | 30    |      |
| Chlorobenzene                                     | 9.46   |                 | "     | 10.0        |                | 94.6                            | 88-120      |          | 4.24  | 30    |      |
| Chloroethane                                      | 10.6   |                 | "     | 10.0        |                | 106                             | 65-136      |          | 10.6  | 30    |      |
| Chloroform                                        | 9.74   |                 | "     | 10.0        |                | 97.4                            | 82-128      |          | 1.24  | 30    |      |
| Chloromethane                                     | 9.42   |                 | "     | 10.0        |                | 94.2                            | 43-155      |          | 14.7  | 30    |      |
| cis-1,2-Dichloroethylene                          | 9.89   |                 | "     | 10.0        |                | 98.9                            | 83-129      |          | 0.705 | 30    |      |
| cis-1,3-Dichloropropylene                         | 9.21   |                 | "     | 10.0        |                | 92.1                            | 80-131      |          | 1.97  | 30    |      |
| Cyclohexane                                       | 4.74   |                 | "     | 10.0        |                | 47.4                            | 63-149      | Low Bias | 5.74  | 30    |      |
| Dibromochloromethane                              | 9.30   |                 | "     | 10.0        |                | 93.0                            | 80-130      |          | 7.24  | 30    |      |
| Dibromomethane                                    | 8.92   |                 | "     | 10.0        |                | 89.2                            | 72-134      |          | 6.36  | 30    |      |
| Dichlorodifluoromethane                           | 8.88   |                 | "     | 10.0        |                | 88.8                            | 44-144      |          | 9.24  | 30    |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag | RPD  | RPD Limit | Flag     |
|----------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|------|------|-----------|----------|
| <b>Batch BD52170 - EPA 5030B</b>       |        |                 |       |             |                |                                 |             |      |      |           |          |
| <b>LCS Dup (BD52170-BSD1)</b>          |        |                 |       |             |                | Prepared & Analyzed: 04/29/2025 |             |      |      |           |          |
| Diisopropyl ether (DIPE)               | 10.1   |                 | ug/L  | 10.0        |                | 101                             | 70-130      |      | 10.3 | 30        |          |
| Ethyl Benzene                          | 10.2   |                 | "     | 10.0        |                | 102                             | 80-131      |      | 7.13 | 30        |          |
| Ethyl tert-butyl ether (ETBE)          | 9.45   |                 | "     | 10.0        |                | 94.5                            | 70-130      |      | 18.1 | 30        |          |
| Hexachlorobutadiene                    | 12.0   |                 | "     | 10.0        |                | 120                             | 67-146      |      | 1.93 | 30        |          |
| Iodomethane                            | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |      | 7.44 | 30        |          |
| Isopropylbenzene                       | 10.7   |                 | "     | 10.0        |                | 107                             | 76-140      |      | 7.67 | 30        |          |
| Methyl acetate                         | 6.15   |                 | "     | 10.0        |                | 61.5                            | 51-139      |      | 24.0 | 30        |          |
| Methyl Methacrylate                    | 9.46   |                 | "     | 10.0        |                | 94.6                            | 72-132      |      | 19.2 | 30        |          |
| Methyl tert-butyl ether (MTBE)         | 9.13   |                 | "     | 10.0        |                | 91.3                            | 76-135      |      | 21.3 | 30        |          |
| Methylcyclohexane                      | 9.51   |                 | "     | 10.0        |                | 95.1                            | 72-143      |      | 9.90 | 30        |          |
| Methylene chloride                     | 9.60   |                 | "     | 10.0        |                | 96.0                            | 55-137      |      | 3.17 | 30        |          |
| Naphthalene                            | 9.43   |                 | "     | 10.0        |                | 94.3                            | 70-147      |      | 22.0 | 30        |          |
| n-Butylbenzene                         | 11.0   |                 | "     | 10.0        |                | 110                             | 79-132      |      | 1.90 | 30        |          |
| n-Propylbenzene                        | 10.8   |                 | "     | 10.0        |                | 108                             | 78-133      |      | 5.50 | 30        |          |
| o-Xylene                               | 10.1   |                 | "     | 10.0        |                | 101                             | 78-130      |      | 3.41 | 30        |          |
| p- & m- Xylenes                        | 20.3   |                 | "     | 20.0        |                | 102                             | 77-133      |      | 7.13 | 30        |          |
| p-Diethylbenzene                       | 10.6   |                 | "     | 10.0        |                | 106                             | 84-134      |      | 2.25 | 30        |          |
| p-Ethyltoluene                         | 12.6   |                 | "     | 10.0        |                | 126                             | 88-129      |      | 4.89 | 30        |          |
| p-Isopropyltoluene                     | 11.4   |                 | "     | 10.0        |                | 114                             | 81-136      |      | 2.86 | 30        |          |
| sec-Butylbenzene                       | 10.9   |                 | "     | 10.0        |                | 109                             | 79-137      |      | 3.07 | 30        |          |
| Styrene                                | 10.7   |                 | "     | 10.0        |                | 107                             | 67-132      |      | 2.13 | 30        |          |
| tert-Amyl alcohol (TAA)                | 77.8   |                 | "     | 100         |                | 77.8                            | 70-130      |      | 58.3 | 30        | Non-dir. |
| tert-Amyl methyl ether (TAME)          | 8.87   |                 | "     | 10.0        |                | 88.7                            | 70-130      |      | 21.2 | 30        |          |
| tert-Butyl alcohol (TBA)               | 37.9   |                 | "     | 50.0        |                | 75.8                            | 25-162      |      | 62.4 | 30        | Non-dir. |
| tert-Butylbenzene                      | 9.37   |                 | "     | 10.0        |                | 93.7                            | 77-138      |      | 3.05 | 30        |          |
| Tetrachloroethylene                    | 8.46   |                 | "     | 10.0        |                | 84.6                            | 82-131      |      | 8.49 | 30        |          |
| Tetrahydrofuran                        | 9.18   |                 | "     | 10.0        |                | 91.8                            | 36-166      |      | 29.4 | 30        |          |
| Toluene                                | 9.53   |                 | "     | 10.0        |                | 95.3                            | 80-127      |      | 8.54 | 30        |          |
| trans-1,2-Dichloroethylene             | 9.81   |                 | "     | 10.0        |                | 98.1                            | 80-132      |      | 5.65 | 30        |          |
| trans-1,3-Dichloropropylene            | 9.21   |                 | "     | 10.0        |                | 92.1                            | 78-131      |      | 6.73 | 30        |          |
| trans-1,4-dichloro-2-butene            | 8.00   |                 | "     | 10.0        |                | 80.0                            | 63-141      |      | 24.2 | 30        |          |
| Trichloroethylene                      | 9.22   |                 | "     | 10.0        |                | 92.2                            | 82-128      |      | 9.90 | 30        |          |
| Trichlorofluoromethane                 | 10.9   |                 | "     | 10.0        |                | 109                             | 67-139      |      | 9.72 | 30        |          |
| Vinyl acetate                          | 7.72   |                 | "     | 10.0        |                | 77.2                            | 21-90       |      | 18.5 | 30        |          |
| Vinyl Chloride                         | 9.93   |                 | "     | 10.0        |                | 99.3                            | 58-145      |      | 10.8 | 30        |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.57   |                 | "     | 10.0        |                | 95.7                            | 69-130      |      |      |           |          |
| Surrogate: SURR: Toluene-d8            | 9.68   |                 | "     | 10.0        |                | 96.8                            | 81-117      |      |      |           |          |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2   |                 | "     | 10.0        |                | 102                             | 79-122      |      |      |           |          |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit                    | Units | Spike Level | Source* Result | %REC | %REC Limits                     | Flag     | RPD | RPD Limit | Flag |
|---------------------------------------------------|--------|------------------------------------|-------|-------------|----------------|------|---------------------------------|----------|-----|-----------|------|
| <b>Batch BD52170 - EPA 5030B</b>                  |        |                                    |       |             |                |      |                                 |          |     |           |      |
| <b>Matrix Spike (BD52170-MS1)</b>                 |        | *Source sample: 25D1227-07 (MW-75) |       |             |                |      | Prepared & Analyzed: 04/29/2025 |          |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 5.93   |                                    | ug/L  | 10.0        | 0.00           | 59.3 | 45-161                          |          |     |           |      |
| 1,1,1-Trichloroethane                             | 5.31   |                                    | "     | 10.0        | 0.250          | 50.6 | 70-146                          | Low Bias |     |           |      |
| 1,1,2,2-Tetrachloroethane                         | 7.55   |                                    | "     | 10.0        | 0.00           | 75.5 | 74-121                          |          |     |           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 4.69   |                                    | "     | 10.0        | 0.00           | 46.9 | 21-217                          |          |     |           |      |
| 1,1,2-Trichloroethane                             | 6.19   |                                    | "     | 10.0        | 0.00           | 61.9 | 59-146                          |          |     |           |      |
| 1,1-Dichloroethane                                | 16.7   |                                    | "     | 10.0        | 10.8           | 58.5 | 54-146                          |          |     |           |      |
| 1,1-Dichloroethylene                              | 7.67   |                                    | "     | 10.0        | 2.08           | 55.9 | 44-165                          |          |     |           |      |
| 1,1-Dichloropropylene                             | 5.08   |                                    | "     | 10.0        | 0.00           | 50.8 | 82-134                          | Low Bias |     |           |      |
| 1,2,3-Trichlorobenzene                            | 5.29   |                                    | "     | 10.0        | 0.00           | 52.9 | 40-161                          |          |     |           |      |
| 1,2,3-Trichloropropane                            | 7.53   |                                    | "     | 10.0        | 0.00           | 75.3 | 74-127                          |          |     |           |      |
| 1,2,4,5-Tetramethylbenzene                        | 4.83   |                                    | "     | 10.0        | 0.00           | 48.3 | 27-190                          |          |     |           |      |
| 1,2,4-Trichlorobenzene                            | 4.65   |                                    | "     | 10.0        | 0.00           | 46.5 | 41-161                          |          |     |           |      |
| 1,2,4-Trimethylbenzene                            | 5.44   |                                    | "     | 10.0        | 0.00           | 54.4 | 72-129                          | Low Bias |     |           |      |
| 1,2-Dibromo-3-chloropropane                       | 6.52   |                                    | "     | 10.0        | 0.00           | 65.2 | 31-151                          |          |     |           |      |
| 1,2-Dibromoethane                                 | 6.41   |                                    | "     | 10.0        | 0.00           | 64.1 | 75-125                          | Low Bias |     |           |      |
| 1,2-Dichlorobenzene                               | 5.88   |                                    | "     | 10.0        | 0.00           | 58.8 | 63-122                          | Low Bias |     |           |      |
| 1,2-Dichloroethane                                | 7.19   |                                    | "     | 10.0        | 0.00           | 71.9 | 68-131                          |          |     |           |      |
| 1,2-Dichloropropane                               | 5.44   |                                    | "     | 10.0        | 0.00           | 54.4 | 77-121                          | Low Bias |     |           |      |
| 1,3,5-Trimethylbenzene                            | 6.04   |                                    | "     | 10.0        | 0.00           | 60.4 | 69-126                          | Low Bias |     |           |      |
| 1,3-Dichlorobenzene                               | 5.42   |                                    | "     | 10.0        | 0.00           | 54.2 | 74-119                          | Low Bias |     |           |      |
| 1,3-Dichloropropane                               | 6.41   |                                    | "     | 10.0        | 0.00           | 64.1 | 77-119                          | Low Bias |     |           |      |
| 1,4-Dichlorobenzene                               | 5.36   |                                    | "     | 10.0        | 0.00           | 53.6 | 70-124                          | Low Bias |     |           |      |
| 1,4-Dioxane                                       | 305    |                                    | "     | 210         | 0.00           | 145  | 10-310                          |          |     |           |      |
| 2,2-Dichloropropane                               | 4.04   |                                    | "     | 10.0        | 0.00           | 40.4 | 10-160                          |          |     |           |      |
| 2-Butanone                                        | 8.86   |                                    | "     | 10.0        | 0.00           | 88.6 | 10-193                          |          |     |           |      |
| 2-Chlorotoluene                                   | 5.60   |                                    | "     | 10.0        | 0.00           | 56.0 | 70-126                          | Low Bias |     |           |      |
| 2-Hexanone                                        | 6.76   |                                    | "     | 10.0        | 0.00           | 67.6 | 53-133                          |          |     |           |      |
| 4-Chlorotoluene                                   | 5.58   |                                    | "     | 10.0        | 0.00           | 55.8 | 69-124                          | Low Bias |     |           |      |
| 4-Methyl-2-pentanone                              | 6.55   |                                    | "     | 10.0        | 0.00           | 65.5 | 38-150                          |          |     |           |      |
| Acetone                                           | 21.9   |                                    | "     | 10.0        | 14.4           | 74.9 | 13-149                          |          |     |           |      |
| Acrolein                                          | 5.24   |                                    | "     | 10.0        | 0.00           | 52.4 | 10-195                          |          |     |           |      |
| Acrylonitrile                                     | 8.93   |                                    | "     | 10.0        | 0.00           | 89.3 | 37-165                          |          |     |           |      |
| Benzene                                           | 6.01   |                                    | "     | 10.0        | 0.140          | 58.7 | 38-155                          |          |     |           |      |
| Bromobenzene                                      | 6.12   |                                    | "     | 10.0        | 0.00           | 61.2 | 72-122                          | Low Bias |     |           |      |
| Bromochloromethane                                | 6.82   |                                    | "     | 10.0        | 0.00           | 68.2 | 75-121                          | Low Bias |     |           |      |
| Bromodichloromethane                              | 5.53   |                                    | "     | 10.0        | 0.00           | 55.3 | 70-129                          | Low Bias |     |           |      |
| Bromoform                                         | 5.99   |                                    | "     | 10.0        | 0.00           | 59.9 | 66-136                          | Low Bias |     |           |      |
| Bromomethane                                      | 2.13   |                                    | "     | 10.0        | 0.00           | 21.3 | 30-158                          | Low Bias |     |           |      |
| Carbon disulfide                                  | 6.00   |                                    | "     | 10.0        | 0.230          | 57.7 | 10-138                          |          |     |           |      |
| Carbon tetrachloride                              | 4.93   |                                    | "     | 10.0        | 0.00           | 49.3 | 71-146                          | Low Bias |     |           |      |
| Chlorobenzene                                     | 5.51   |                                    | "     | 10.0        | 0.00           | 55.1 | 81-117                          | Low Bias |     |           |      |
| Chloroethane                                      | 5.70   |                                    | "     | 10.0        | 0.00           | 57.0 | 51-145                          |          |     |           |      |
| Chloroform                                        | 6.02   |                                    | "     | 10.0        | 0.00           | 60.2 | 80-124                          | Low Bias |     |           |      |
| Chloromethane                                     | 4.85   |                                    | "     | 10.0        | 0.00           | 48.5 | 16-163                          |          |     |           |      |
| cis-1,2-Dichloroethylene                          | 16.2   |                                    | "     | 10.0        | 10.2           | 59.9 | 76-125                          | Low Bias |     |           |      |
| cis-1,3-Dichloropropylene                         | 4.94   |                                    | "     | 10.0        | 0.00           | 49.4 | 58-131                          | Low Bias |     |           |      |
| Cyclohexane                                       | 2.24   |                                    | "     | 10.0        | 0.00           | 22.4 | 70-130                          | Low Bias |     |           |      |
| Dibromochloromethane                              | 5.83   |                                    | "     | 10.0        | 0.00           | 58.3 | 71-129                          | Low Bias |     |           |      |
| Dibromomethane                                    | 5.87   |                                    | "     | 10.0        | 0.00           | 58.7 | 76-120                          | Low Bias |     |           |      |
| Dichlorodifluoromethane                           | 5.24   |                                    | "     | 10.0        | 0.00           | 52.4 | 30-147                          |          |     |           |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD52170 - EPA 5030B

|                                        |      |                                    |      |      |       |                                 |        |          |  |  |  |
|----------------------------------------|------|------------------------------------|------|------|-------|---------------------------------|--------|----------|--|--|--|
| <b>Matrix Spike (BD52170-MS1)</b>      |      | *Source sample: 25D1227-07 (MW-75) |      |      |       | Prepared & Analyzed: 04/29/2025 |        |          |  |  |  |
| Diisopropyl ether (DIPE)               | 6.88 |                                    | ug/L | 10.0 | 0.00  | 68.8                            | 70-130 | Low Bias |  |  |  |
| Ethyl Benzene                          | 5.26 |                                    | "    | 10.0 | 0.00  | 52.6                            | 72-128 | Low Bias |  |  |  |
| Ethyl tert-butyl ether (ETBE)          | 6.69 |                                    | "    | 10.0 | 0.00  | 66.9                            | 70-130 | Low Bias |  |  |  |
| Hexachlorobutadiene                    | 5.86 |                                    | "    | 10.0 | 0.00  | 58.6                            | 34-166 |          |  |  |  |
| Iodomethane                            | 2.57 |                                    | "    | 10.0 | 0.00  | 25.7                            | 70-130 | Low Bias |  |  |  |
| Isopropylbenzene                       | 5.12 |                                    | "    | 10.0 | 0.00  | 51.2                            | 66-139 | Low Bias |  |  |  |
| Methyl acetate                         | 5.24 |                                    | "    | 10.0 | 0.00  | 52.4                            | 10-200 |          |  |  |  |
| Methyl Methacrylate                    | 6.56 |                                    | "    | 10.0 | 0.00  | 65.6                            | 68-124 | Low Bias |  |  |  |
| Methyl tert-butyl ether (MTBE)         | 6.82 |                                    | "    | 10.0 | 0.00  | 68.2                            | 75-128 | Low Bias |  |  |  |
| Methylcyclohexane                      | 3.61 |                                    | "    | 10.0 | 0.00  | 36.1                            | 70-130 | Low Bias |  |  |  |
| Methylene chloride                     | 6.29 |                                    | "    | 10.0 | 0.00  | 62.9                            | 57-128 |          |  |  |  |
| Naphthalene                            | 6.92 |                                    | "    | 10.0 | 0.00  | 69.2                            | 39-158 |          |  |  |  |
| n-Butylbenzene                         | 5.09 |                                    | "    | 10.0 | 0.00  | 50.9                            | 61-138 | Low Bias |  |  |  |
| n-Propylbenzene                        | 5.11 |                                    | "    | 10.0 | 0.00  | 51.1                            | 66-134 | Low Bias |  |  |  |
| o-Xylene                               | 5.58 |                                    | "    | 10.0 | 0.00  | 55.8                            | 69-126 | Low Bias |  |  |  |
| p- & m- Xylenes                        | 10.5 |                                    | "    | 20.0 | 0.00  | 52.6                            | 67-130 | Low Bias |  |  |  |
| p-Diethylbenzene                       | 4.96 |                                    | "    | 10.0 | 0.00  | 49.6                            | 52-150 | Low Bias |  |  |  |
| p-Ethyltoluene                         | 6.04 |                                    | "    | 10.0 | 0.00  | 60.4                            | 76-127 | Low Bias |  |  |  |
| p-Isopropyltoluene                     | 5.39 |                                    | "    | 10.0 | 0.00  | 53.9                            | 64-137 | Low Bias |  |  |  |
| sec-Butylbenzene                       | 5.23 |                                    | "    | 10.0 | 0.00  | 52.3                            | 53-155 | Low Bias |  |  |  |
| Styrene                                | 6.11 |                                    | "    | 10.0 | 0.00  | 61.1                            | 69-125 | Low Bias |  |  |  |
| tert-Amyl alcohol (TAA)                | 106  |                                    | "    | 100  | 0.00  | 106                             | 70-130 |          |  |  |  |
| tert-Amyl methyl ether (TAME)          | 6.46 |                                    | "    | 10.0 | 0.00  | 64.6                            | 70-130 | Low Bias |  |  |  |
| tert-Butyl alcohol (TBA)               | 58.9 |                                    | "    | 50.0 | 0.00  | 118                             | 10-130 |          |  |  |  |
| tert-Butylbenzene                      | 4.60 |                                    | "    | 10.0 | 0.00  | 46.0                            | 65-139 | Low Bias |  |  |  |
| Tetrachloroethylene                    | 7.95 |                                    | "    | 10.0 | 4.10  | 38.5                            | 64-139 | Low Bias |  |  |  |
| Tetrahydrofuran                        | 8.78 |                                    | "    | 10.0 | 0.00  | 87.8                            | 10-188 |          |  |  |  |
| Toluene                                | 5.05 |                                    | "    | 10.0 | 0.00  | 50.5                            | 76-123 | Low Bias |  |  |  |
| trans-1,2-Dichloroethylene             | 5.62 |                                    | "    | 10.0 | 0.170 | 54.5                            | 79-131 | Low Bias |  |  |  |
| trans-1,3-Dichloropropylene            | 5.25 |                                    | "    | 10.0 | 0.00  | 52.5                            | 55-130 | Low Bias |  |  |  |
| trans-1,4-dichloro-2-butene            | 3.44 |                                    | "    | 10.0 | 0.00  | 34.4                            | 25-155 |          |  |  |  |
| Trichloroethylene                      | 4.72 |                                    | "    | 10.0 | 0.300 | 44.2                            | 53-145 | Low Bias |  |  |  |
| Trichlorofluoromethane                 | 5.96 |                                    | "    | 10.0 | 0.00  | 59.6                            | 61-142 | Low Bias |  |  |  |
| Vinyl acetate                          | 5.14 |                                    | "    | 10.0 | 0.00  | 51.4                            | 10-87  |          |  |  |  |
| Vinyl Chloride                         | 9.60 |                                    | "    | 10.0 | 4.55  | 50.5                            | 31-165 |          |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.9 |                                    | "    | 10.0 |       | 109                             | 69-130 |          |  |  |  |
| Surrogate: SURR: Toluene-d8            | 8.91 |                                    | "    | 10.0 |       | 89.1                            | 81-117 |          |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.5 |                                    | "    | 10.0 |       | 105                             | 79-122 |          |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                           | Result | Reporting Limit                    | Units | Spike Level | Source* Result | %REC | %REC Limits                     | Flag     | RPD   | Limit | Flag     |
|---------------------------------------------------|--------|------------------------------------|-------|-------------|----------------|------|---------------------------------|----------|-------|-------|----------|
| <b>Batch BD52170 - EPA 5030B</b>                  |        |                                    |       |             |                |      |                                 |          |       |       |          |
| <b>Matrix Spike Dup (BD52170-MSD1)</b>            |        | *Source sample: 25D1227-07 (MW-75) |       |             |                |      | Prepared & Analyzed: 04/29/2025 |          |       |       |          |
| 1,1,1,2-Tetrachloroethane                         | 7.22   |                                    | ug/L  | 10.0        | 0.00           | 72.2 | 45-161                          |          | 19.6  | 30    |          |
| 1,1,1-Trichloroethane                             | 8.25   |                                    | "     | 10.0        | 0.250          | 80.0 | 70-146                          |          | 43.4  | 30    | Non-dir. |
| 1,1,2,2-Tetrachloroethane                         | 7.11   |                                    | "     | 10.0        | 0.00           | 71.1 | 74-121                          | Low Bias | 6.00  | 30    |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.69   |                                    | "     | 10.0        | 0.00           | 86.9 | 21-217                          |          | 59.8  | 30    | Non-dir. |
| 1,1,2-Trichloroethane                             | 6.76   |                                    | "     | 10.0        | 0.00           | 67.6 | 59-146                          |          | 8.80  | 30    |          |
| 1,1-Dichloroethane                                | 19.0   |                                    | "     | 10.0        | 10.8           | 82.0 | 54-146                          |          | 13.2  | 30    |          |
| 1,1-Dichloroethylene                              | 11.6   |                                    | "     | 10.0        | 2.08           | 95.0 | 44-165                          |          | 40.6  | 30    | Non-dir. |
| 1,1-Dichloropropylene                             | 8.38   |                                    | "     | 10.0        | 0.00           | 83.8 | 82-134                          |          | 49.0  | 30    | Non-dir. |
| 1,2,3-Trichlorobenzene                            | 6.46   |                                    | "     | 10.0        | 0.00           | 64.6 | 40-161                          |          | 19.9  | 30    |          |
| 1,2,3-Trichloropropane                            | 7.15   |                                    | "     | 10.0        | 0.00           | 71.5 | 74-127                          | Low Bias | 5.18  | 30    |          |
| 1,2,4,5-Tetramethylbenzene                        | 7.05   |                                    | "     | 10.0        | 0.00           | 70.5 | 27-190                          |          | 37.4  | 30    | Non-dir. |
| 1,2,4-Trichlorobenzene                            | 6.13   |                                    | "     | 10.0        | 0.00           | 61.3 | 41-161                          |          | 27.5  | 30    |          |
| 1,2,4-Trimethylbenzene                            | 7.94   |                                    | "     | 10.0        | 0.00           | 79.4 | 72-129                          |          | 37.4  | 30    | Non-dir. |
| 1,2-Dibromo-3-chloropropane                       | 6.51   |                                    | "     | 10.0        | 0.00           | 65.1 | 31-151                          |          | 0.153 | 30    |          |
| 1,2-Dibromoethane                                 | 6.64   |                                    | "     | 10.0        | 0.00           | 66.4 | 75-125                          | Low Bias | 3.52  | 30    |          |
| 1,2-Dichlorobenzene                               | 7.13   |                                    | "     | 10.0        | 0.00           | 71.3 | 63-122                          |          | 19.2  | 30    |          |
| 1,2-Dichloroethane                                | 8.17   |                                    | "     | 10.0        | 0.00           | 81.7 | 68-131                          |          | 12.8  | 30    |          |
| 1,2-Dichloropropane                               | 7.17   |                                    | "     | 10.0        | 0.00           | 71.7 | 77-121                          | Low Bias | 27.4  | 30    |          |
| 1,3,5-Trimethylbenzene                            | 9.44   |                                    | "     | 10.0        | 0.00           | 94.4 | 69-126                          |          | 43.9  | 30    | Non-dir. |
| 1,3-Dichlorobenzene                               | 7.27   |                                    | "     | 10.0        | 0.00           | 72.7 | 74-119                          | Low Bias | 29.2  | 30    |          |
| 1,3-Dichloropropane                               | 6.86   |                                    | "     | 10.0        | 0.00           | 68.6 | 77-119                          | Low Bias | 6.78  | 30    |          |
| 1,4-Dichlorobenzene                               | 6.94   |                                    | "     | 10.0        | 0.00           | 69.4 | 70-124                          | Low Bias | 25.7  | 30    |          |
| 1,4-Dioxane                                       | 322    |                                    | "     | 210         | 0.00           | 154  | 10-310                          |          | 5.71  | 30    |          |
| 2,2-Dichloropropane                               | 6.50   |                                    | "     | 10.0        | 0.00           | 65.0 | 10-160                          |          | 46.7  | 30    | Non-dir. |
| 2-Butanone                                        | 7.64   |                                    | "     | 10.0        | 0.00           | 76.4 | 10-193                          |          | 14.8  | 30    |          |
| 2-Chlorotoluene                                   | 7.56   |                                    | "     | 10.0        | 0.00           | 75.6 | 70-126                          |          | 29.8  | 30    |          |
| 2-Hexanone                                        | 5.90   |                                    | "     | 10.0        | 0.00           | 59.0 | 53-133                          |          | 13.6  | 30    |          |
| 4-Chlorotoluene                                   | 7.71   |                                    | "     | 10.0        | 0.00           | 77.1 | 69-124                          |          | 32.1  | 30    | Non-dir. |
| 4-Methyl-2-pentanone                              | 5.78   |                                    | "     | 10.0        | 0.00           | 57.8 | 38-150                          |          | 12.5  | 30    |          |
| Acetone                                           | 19.9   |                                    | "     | 10.0        | 14.4           | 54.8 | 13-149                          |          | 9.61  | 30    |          |
| Acrolein                                          | 4.30   |                                    | "     | 10.0        | 0.00           | 43.0 | 10-195                          |          | 19.7  | 30    |          |
| Acrylonitrile                                     | 7.51   |                                    | "     | 10.0        | 0.00           | 75.1 | 37-165                          |          | 17.3  | 30    |          |
| Benzene                                           | 8.49   |                                    | "     | 10.0        | 0.140          | 83.5 | 38-155                          |          | 34.2  | 30    | Non-dir. |
| Bromobenzene                                      | 7.31   |                                    | "     | 10.0        | 0.00           | 73.1 | 72-122                          |          | 17.7  | 30    |          |
| Bromochloromethane                                | 7.96   |                                    | "     | 10.0        | 0.00           | 79.6 | 75-121                          |          | 15.4  | 30    |          |
| Bromodichloromethane                              | 6.78   |                                    | "     | 10.0        | 0.00           | 67.8 | 70-129                          | Low Bias | 20.3  | 30    |          |
| Bromoform                                         | 5.87   |                                    | "     | 10.0        | 0.00           | 58.7 | 66-136                          | Low Bias | 2.02  | 30    |          |
| Bromomethane                                      | 3.25   |                                    | "     | 10.0        | 0.00           | 32.5 | 30-158                          |          | 41.6  | 30    | Non-dir. |
| Carbon disulfide                                  | 9.94   |                                    | "     | 10.0        | 0.230          | 97.1 | 10-138                          |          | 49.4  | 30    | Non-dir. |
| Carbon tetrachloride                              | 8.29   |                                    | "     | 10.0        | 0.00           | 82.9 | 71-146                          |          | 50.8  | 30    | Non-dir. |
| Chlorobenzene                                     | 7.17   |                                    | "     | 10.0        | 0.00           | 71.7 | 81-117                          | Low Bias | 26.2  | 30    |          |
| Chloroethane                                      | 9.20   |                                    | "     | 10.0        | 0.00           | 92.0 | 51-145                          |          | 47.0  | 30    | Non-dir. |
| Chloroform                                        | 8.13   |                                    | "     | 10.0        | 0.00           | 81.3 | 80-124                          |          | 29.8  | 30    |          |
| Chloromethane                                     | 7.98   |                                    | "     | 10.0        | 0.00           | 79.8 | 16-163                          |          | 48.8  | 30    | Non-dir. |
| cis-1,2-Dichloroethylene                          | 18.5   |                                    | "     | 10.0        | 10.2           | 83.0 | 76-125                          |          | 13.3  | 30    |          |
| cis-1,3-Dichloropropylene                         | 6.06   |                                    | "     | 10.0        | 0.00           | 60.6 | 58-131                          |          | 20.4  | 30    |          |
| Cyclohexane                                       | 4.13   |                                    | "     | 10.0        | 0.00           | 41.3 | 70-130                          | Low Bias | 59.3  | 30    | Non-dir. |
| Dibromochloromethane                              | 6.44   |                                    | "     | 10.0        | 0.00           | 64.4 | 71-129                          | Low Bias | 9.94  | 30    |          |
| Dibromomethane                                    | 6.41   |                                    | "     | 10.0        | 0.00           | 64.1 | 76-120                          | Low Bias | 8.79  | 30    |          |
| Dichlorodifluoromethane                           | 9.57   |                                    | "     | 10.0        | 0.00           | 95.7 | 30-147                          |          | 58.5  | 30    | Non-dir. |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                | Result | Reporting<br>Limit                 | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits                  | Flag     | RPD   | RPD<br>Limit | Flag     |
|----------------------------------------|--------|------------------------------------|-------|----------------|-------------------|------|---------------------------------|----------|-------|--------------|----------|
| <b>Batch BD52170 - EPA 5030B</b>       |        |                                    |       |                |                   |      |                                 |          |       |              |          |
| <b>Matrix Spike Dup (BD52170-MSD1)</b> |        | *Source sample: 25D1227-07 (MW-75) |       |                |                   |      | Prepared & Analyzed: 04/29/2025 |          |       |              |          |
| Diisopropyl ether (DIPE)               | 8.25   |                                    | ug/L  | 10.0           | 0.00              | 82.5 | 70-130                          |          | 18.1  | 30           |          |
| Ethyl Benzene                          | 7.74   |                                    | "     | 10.0           | 0.00              | 77.4 | 72-128                          |          | 38.2  | 30           | Non-dir. |
| Ethyl tert-butyl ether (ETBE)          | 7.61   |                                    | "     | 10.0           | 0.00              | 76.1 | 70-130                          |          | 12.9  | 30           |          |
| Hexachlorobutadiene                    | 9.61   |                                    | "     | 10.0           | 0.00              | 96.1 | 34-166                          |          | 48.5  | 30           | Non-dir. |
| Iodomethane                            | 5.06   |                                    | "     | 10.0           | 0.00              | 50.6 | 70-130                          | Low Bias | 65.3  | 30           | Non-dir. |
| Isopropylbenzene                       | 7.90   |                                    | "     | 10.0           | 0.00              | 79.0 | 66-139                          |          | 42.7  | 30           | Non-dir. |
| Methyl acetate                         | 4.32   |                                    | "     | 10.0           | 0.00              | 43.2 | 10-200                          |          | 19.2  | 30           |          |
| Methyl Methacrylate                    | 6.46   |                                    | "     | 10.0           | 0.00              | 64.6 | 68-124                          | Low Bias | 1.54  | 30           |          |
| Methyl tert-butyl ether (MTBE)         | 7.21   |                                    | "     | 10.0           | 0.00              | 72.1 | 75-128                          | Low Bias | 5.56  | 30           |          |
| Methylcyclohexane                      | 7.31   |                                    | "     | 10.0           | 0.00              | 73.1 | 70-130                          |          | 67.8  | 30           | Non-dir. |
| Methylene chloride                     | 8.13   |                                    | "     | 10.0           | 0.00              | 81.3 | 57-128                          |          | 25.5  | 30           |          |
| Naphthalene                            | 6.93   |                                    | "     | 10.0           | 0.00              | 69.3 | 39-158                          |          | 0.144 | 30           |          |
| n-Butylbenzene                         | 8.80   |                                    | "     | 10.0           | 0.00              | 88.0 | 61-138                          |          | 53.4  | 30           | Non-dir. |
| n-Propylbenzene                        | 8.17   |                                    | "     | 10.0           | 0.00              | 81.7 | 66-134                          |          | 46.1  | 30           | Non-dir. |
| o-Xylene                               | 7.67   |                                    | "     | 10.0           | 0.00              | 76.7 | 69-126                          |          | 31.5  | 30           | Non-dir. |
| p- & m- Xylenes                        | 15.5   |                                    | "     | 20.0           | 0.00              | 77.4 | 67-130                          |          | 38.2  | 30           | Non-dir. |
| p-Diethylbenzene                       | 8.32   |                                    | "     | 10.0           | 0.00              | 83.2 | 52-150                          |          | 50.6  | 30           | Non-dir. |
| p-Ethyltoluene                         | 9.44   |                                    | "     | 10.0           | 0.00              | 94.4 | 76-127                          |          | 43.9  | 30           | Non-dir. |
| p-Isopropyltoluene                     | 8.83   |                                    | "     | 10.0           | 0.00              | 88.3 | 64-137                          |          | 48.4  | 30           | Non-dir. |
| sec-Butylbenzene                       | 8.64   |                                    | "     | 10.0           | 0.00              | 86.4 | 53-155                          |          | 49.2  | 30           | Non-dir. |
| Styrene                                | 7.99   |                                    | "     | 10.0           | 0.00              | 79.9 | 69-125                          |          | 26.7  | 30           |          |
| tert-Amyl alcohol (TAA)                | 85.1   |                                    | "     | 100            | 0.00              | 85.1 | 70-130                          |          | 22.3  | 30           |          |
| tert-Amyl methyl ether (TAME)          | 6.99   |                                    | "     | 10.0           | 0.00              | 69.9 | 70-130                          | Low Bias | 7.88  | 30           |          |
| tert-Butyl alcohol (TBA)               | 48.8   |                                    | "     | 50.0           | 0.00              | 97.5 | 10-130                          |          | 18.9  | 30           |          |
| tert-Butylbenzene                      | 7.24   |                                    | "     | 10.0           | 0.00              | 72.4 | 65-139                          |          | 44.6  | 30           | Non-dir. |
| Tetrachloroethylene                    | 10.5   |                                    | "     | 10.0           | 4.10              | 63.7 | 64-139                          | Low Bias | 27.4  | 30           |          |
| Tetrahydrofuran                        | 7.34   |                                    | "     | 10.0           | 0.00              | 73.4 | 10-188                          |          | 17.9  | 30           |          |
| Toluene                                | 7.29   |                                    | "     | 10.0           | 0.00              | 72.9 | 76-123                          | Low Bias | 36.3  | 30           | Non-dir. |
| trans-1,2-Dichloroethylene             | 8.67   |                                    | "     | 10.0           | 0.170             | 85.0 | 79-131                          |          | 42.7  | 30           | Non-dir. |
| trans-1,3-Dichloropropylene            | 6.06   |                                    | "     | 10.0           | 0.00              | 60.6 | 55-130                          |          | 14.3  | 30           |          |
| trans-1,4-dichloro-2-butene            | 3.09   |                                    | "     | 10.0           | 0.00              | 30.9 | 25-155                          |          | 10.7  | 30           |          |
| Trichloroethylene                      | 7.28   |                                    | "     | 10.0           | 0.300             | 69.8 | 53-145                          |          | 42.7  | 30           | Non-dir. |
| Trichlorofluoromethane                 | 10.3   |                                    | "     | 10.0           | 0.00              | 103  | 61-142                          |          | 53.5  | 30           | Non-dir. |
| Vinyl acetate                          | 5.24   |                                    | "     | 10.0           | 0.00              | 52.4 | 10-87                           |          | 1.93  | 30           |          |
| Vinyl Chloride                         | 13.7   |                                    | "     | 10.0           | 4.55              | 91.1 | 31-165                          |          | 34.9  | 30           | Non-dir. |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.8   |                                    | "     | 10.0           |                   | 108  | 69-130                          |          |       |              |          |
| Surrogate: SURR: Toluene-d8            | 9.01   |                                    | "     | 10.0           |                   | 90.1 | 81-117                          |          |       |              |          |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.4   |                                    | "     | 10.0           |                   | 104  | 79-122                          |          |       |              |          |



## Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51712 - EPA 3535A

##### Blank (BD51712-BLK1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                           |      |       |      |      |  |     |          |  |  |  |  |
|---------------------------|------|-------|------|------|--|-----|----------|--|--|--|--|
| 1,4-Dioxane               | ND   | 0.300 | ug/L |      |  |     |          |  |  |  |  |
| Surrogate: 1,4-Dioxane-d8 | 4.80 |       | "    | 4.00 |  | 120 | 36.6-118 |  |  |  |  |

##### LCS (BD51712-BS1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                           |      |       |      |      |  |      |          |  |  |  |  |
|---------------------------|------|-------|------|------|--|------|----------|--|--|--|--|
| 1,4-Dioxane               | 3.66 | 0.300 | ug/L | 4.00 |  | 91.6 | 50-130   |  |  |  |  |
| Surrogate: 1,4-Dioxane-d8 | 3.52 |       | "    | 4.00 |  | 88.0 | 36.6-118 |  |  |  |  |

##### Matrix Spike (BD51712-MS1)

\*Source sample: 25D1227-07 (MW-75)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                           |      |       |      |      |      |      |        |  |  |  |  |
|---------------------------|------|-------|------|------|------|------|--------|--|--|--|--|
| 1,4-Dioxane               | 11.6 | 0.300 | ug/L | 4.00 | 8.11 | 88.4 | 50-130 |  |  |  |  |
| Surrogate: 1,4-Dioxane-d8 | 4.80 |       | "    | 4.00 |      | 120  | 50-130 |  |  |  |  |

##### Matrix Spike Dup (BD51712-MSD1)

\*Source sample: 25D1227-07 (MW-75)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                           |      |       |      |      |      |      |        |  |      |    |  |
|---------------------------|------|-------|------|------|------|------|--------|--|------|----|--|
| 1,4-Dioxane               | 11.1 | 0.300 | ug/L | 4.00 | 8.11 | 75.2 | 50-130 |  | 4.64 | 30 |  |
| Surrogate: 1,4-Dioxane-d8 | 3.84 |       | "    | 4.00 |      | 96.0 | 50-130 |  |      |    |  |





PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

Batch BD51580 - EPA 1633 Prep

Blank (BD51580-BLK1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                    |      |      |      |      |  |     |        |  |  |  |  |
|----------------------------------------------------|------|------|------|------|--|-----|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | ND   | 1.77 | ng/L |      |  |     |        |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | ND   | 1.83 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | ND   | 1.86 | "    |      |  |     |        |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotridecanoic acid (PFTTrDA)                | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSAA                                          | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSAA                                          | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | ND   | 1.91 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | ND   | 1.93 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND   | 7.60 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND   | 7.68 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | ND   | 3.56 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)          | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | ND   | 1.88 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND   | 7.50 | "    |      |  |     |        |  |  |  |  |
| HFPO-DA (Gen-X)                                    | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| 11CL-PF3OUdS                                       | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| 9CL-PF3ONS                                         | ND   | 7.48 | "    |      |  |     |        |  |  |  |  |
| ADONA                                              | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)             | ND   | 1.94 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | ND   | 1.92 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPPrPA)          | ND   | 5.00 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)           | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSE                                           | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSE                                           | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Surrogate: M3PFBS                                  | 32.1 |      | "    | 23.3 |  | 138 | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                 | 31.6 |      | "    | 25.0 |  | 126 | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                 | 32.3 |      | "    | 25.0 |  | 129 | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                 | 34.0 |      | "    | 23.7 |  | 144 | 25-150 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

#### Batch BD51580 - EPA 1633 Prep

##### Blank (BD51580-BLK1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 34.1 |  | ng/L | 25.0 |  | 136  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 14.4 |  | "    | 12.5 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 13.0 |  | "    | 12.5 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.4 |  | "    | 12.5 |  | 90.9 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.91 |  | "    | 12.5 |  | 79.3 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 24.5 |  | "    | 100  |  | 24.5 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 29.5 |  | "    | 24.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 56.8 |  | "    | 50.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.9 |  | "    | 25.0 |  | 144  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 71.9 |  | "    | 50.0 |  | 144  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 75.3 |  | "    | 50.0 |  | 151  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 72.8 |  | "    | 47.6 |  | 153  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 90.3 |  | "    | 48.0 |  | 188  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.6 |  | "    | 12.5 |  | 125  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 66.7 |  | "    | 46.9 |  | 142  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 18.5 |  | "    | 25.0 |  | 74.2 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 15.7 |  | "    | 25.0 |  | 62.8 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 121  |  | "    | 100  |  | 121  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 250  |  | "    | 250  |  | 99.8 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 256  |  | "    | 250  |  | 102  | 25-150 |  |  |  |  |

##### LCS (BD51580-BS1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                    |      |      |      |      |  |      |        |  |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 28.6 | 1.77 | ng/L | 35.4 |  | 80.7 | 50-150 |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 32.3 | 2.00 | "    | 40.0 |  | 80.7 | 50-150 |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 31.8 | 2.00 | "    | 40.0 |  | 79.4 | 50-150 |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 31.4 | 1.83 | "    | 36.6 |  | 85.7 | 50-150 |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 31.9 | 2.00 | "    | 40.0 |  | 79.8 | 50-150 |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 29.1 | 1.86 | "    | 37.2 |  | 78.3 | 50-150 |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 30.2 | 2.00 | "    | 40.0 |  | 75.6 | 50-150 |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 33.2 | 2.00 | "    | 40.0 |  | 83.1 | 50-150 |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 36.6 | 2.00 | "    | 40.0 |  | 91.5 | 50-150 |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 32.0 | 2.00 | "    | 40.0 |  | 79.9 | 50-150 |  |  |  |  |
| Perfluorotridecanoic acid (PFTrDA)                 | 33.2 | 2.00 | "    | 40.0 |  | 83.1 | 50-150 |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 30.7 | 2.00 | "    | 40.0 |  | 76.7 | 50-150 |  |  |  |  |
| N-MeFOSAA                                          | 32.1 | 2.00 | "    | 40.0 |  | 80.3 | 50-150 |  |  |  |  |
| N-EtFOSAA                                          | 33.6 | 2.00 | "    | 40.0 |  | 84.0 | 50-150 |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 65.0 | 4.00 | "    | 80.0 |  | 81.2 | 50-150 |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 29.0 | 2.00 | "    | 40.0 |  | 72.4 | 50-150 |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 31.6 | 1.91 | "    | 38.2 |  | 82.7 | 50-150 |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 29.0 | 1.93 | "    | 38.6 |  | 75.0 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 133  | 7.60 | "    | 152  |  | 87.7 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 133  | 7.68 | "    | 154  |  | 86.9 | 50-150 |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 136  | 8.00 | "    | 160  |  | 85.3 | 50-150 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

Batch BD51580 - EPA 1633 Prep

LCS (BD51580-BS1)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |      |      |      |  |      |        |          |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)            | 56.9 | 3.56 | ng/L | 71.2 |  | 79.9 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)                 | 70.1 | 4.00 | "    | 80.0 |  | 87.6 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | 38.7 | 4.00 | "    | 80.0 |  | 48.4 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | 70.9 | 4.00 | "    | 80.0 |  | 88.6 | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | 30.7 | 1.88 | "    | 37.6 |  | 81.6 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 122  | 7.50 | "    | 150  |  | 81.4 | 50-150 |          |  |  |  |
| HFPO-DA (Gen-X)                                           | 78.8 | 8.00 | "    | 80.0 |  | 98.6 | 50-150 |          |  |  |  |
| 11CL-PF3OUdS                                              | 59.2 | 7.56 | "    | 75.6 |  | 78.3 | 50-150 |          |  |  |  |
| 9CL-PF3ONS                                                | 66.6 | 7.48 | "    | 74.8 |  | 89.0 | 50-150 |          |  |  |  |
| ADONA                                                     | 71.7 | 7.56 | "    | 75.6 |  | 94.9 | 50-150 |          |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | 23.3 | 1.94 | "    | 38.8 |  | 60.1 | 50-150 |          |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 26.5 | 1.92 | "    | 38.4 |  | 69.1 | 50-150 |          |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPPrPA)                 | 124  | 5.00 | "    | 160  |  | 77.7 | 50-150 |          |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 714  | 25.0 | "    | 800  |  | 89.2 | 50-150 |          |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 763  | 25.0 | "    | 800  |  | 95.4 | 50-150 |          |  |  |  |
| N-MeFOSE                                                  | 334  | 20.0 | "    | 400  |  | 83.4 | 50-150 |          |  |  |  |
| N-MeFOSA                                                  | 36.8 | 2.00 | "    | 40.0 |  | 92.0 | 50-150 |          |  |  |  |
| N-EtFOSE                                                  | 355  | 20.0 | "    | 400  |  | 88.7 | 50-150 |          |  |  |  |
| N-EtFOSA                                                  | 30.8 | 2.00 | "    | 40.0 |  | 77.0 | 50-150 |          |  |  |  |
| Surrogate: M3PFBS                                         | 28.4 |      | "    | 23.3 |  | 122  | 25-150 |          |  |  |  |
| Surrogate: M5PFHxA                                        | 32.0 |      | "    | 25.0 |  | 128  | 25-150 |          |  |  |  |
| Surrogate: M4PFHpA                                        | 33.2 |      | "    | 25.0 |  | 133  | 25-150 |          |  |  |  |
| Surrogate: M3PFHxS                                        | 29.2 |      | "    | 23.7 |  | 123  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 31.2 |      | "    | 25.0 |  | 125  | 25-150 |          |  |  |  |
| Surrogate: M6PFDA                                         | 14.7 |      | "    | 12.5 |  | 117  | 25-150 |          |  |  |  |
| Surrogate: M7PFUDa                                        | 12.8 |      | "    | 12.5 |  | 102  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.1 |      | "    | 12.5 |  | 96.7 | 25-150 |          |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.4 |      | "    | 12.5 |  | 83.3 | 10-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 34.8 |      | "    | 100  |  | 34.8 | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.6 |      | "    | 24.0 |  | 141  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 58.4 |      | "    | 50.0 |  | 117  | 25-150 |          |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.0 |      | "    | 25.0 |  | 140  | 10-150 |          |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 69.3 |      | "    | 50.0 |  | 139  | 25-150 |          |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 70.5 |      | "    | 50.0 |  | 141  | 25-150 |          |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 66.4 |      | "    | 47.6 |  | 140  | 25-200 |          |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 79.8 |      | "    | 48.0 |  | 166  | 25-200 |          |  |  |  |
| Surrogate: M9PFNA                                         | 15.5 |      | "    | 12.5 |  | 124  | 25-150 |          |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 62.0 |      | "    | 46.9 |  | 132  | 25-150 |          |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 15.0 |      | "    | 25.0 |  | 60.0 | 25-150 |          |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 13.3 |      | "    | 25.0 |  | 53.3 | 25-150 |          |  |  |  |
| Surrogate: M3HFPO-DA                                      | 113  |      | "    | 100  |  | 113  | 25-150 |          |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                            | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|----------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD51580 - EPA 1633 Prep</b>               |        |                 |       |             |                |                                           |             |          |     |           |      |
| <b>LCS (BD51580-BS1)</b>                           |        |                 |       |             |                | Prepared: 04/22/2025 Analyzed: 04/23/2025 |             |          |     |           |      |
| Surrogate: d9-N-EtFOSE                             | 219    |                 | ng/L  | 250         |                | 87.5                                      | 25-150      |          |     |           |      |
| Surrogate: d7-N-MeFOSE                             | 236    |                 | "     | 250         |                | 94.3                                      | 25-150      |          |     |           |      |
| <b>LCS (BD51580-BS2)</b>                           |        |                 |       |             |                | Prepared: 04/22/2025 Analyzed: 04/23/2025 |             |          |     |           |      |
| Perfluorobutanesulfonic acid (PFBS)                | 2.97   | 1.77            | ng/L  | 3.54        |                | 84.0                                      | 50-150      |          |     |           |      |
| Perfluorohexanoic acid (PFHxA)                     | 3.05   | 2.00            | "     | 4.00        |                | 76.3                                      | 50-150      |          |     |           |      |
| Perfluoroheptanoic acid (PFHpA)                    | 3.15   | 2.00            | "     | 4.00        |                | 78.8                                      | 50-150      |          |     |           |      |
| Perfluorohexanesulfonic acid (PFHxS)               | 2.46   | 1.83            | "     | 3.66        |                | 67.3                                      | 50-150      |          |     |           |      |
| Perfluorooctanoic acid (PFOA)                      | 2.87   | 2.00            | "     | 4.00        |                | 71.8                                      | 50-150      |          |     |           |      |
| Perfluorooctanesulfonic acid (PFOS)                | 2.25   | 1.86            | "     | 3.72        |                | 60.6                                      | 50-150      |          |     |           |      |
| Perfluorononanoic acid (PFNA)                      | 3.28   | 2.00            | "     | 4.00        |                | 81.9                                      | 50-150      |          |     |           |      |
| Perfluorodecanoic acid (PFDA)                      | 3.42   | 2.00            | "     | 4.00        |                | 85.4                                      | 50-150      |          |     |           |      |
| Perfluoroundecanoic acid (PFUnA)                   | 3.91   | 2.00            | "     | 4.00        |                | 97.7                                      | 50-150      |          |     |           |      |
| Perfluorododecanoic acid (PFDoA)                   | 3.07   | 2.00            | "     | 4.00        |                | 76.7                                      | 50-150      |          |     |           |      |
| Perfluorotridecanoic acid (PFTriDA)                | 3.16   | 2.00            | "     | 4.00        |                | 79.0                                      | 50-150      |          |     |           |      |
| Perfluorotetradecanoic acid (PFTA)                 | 3.17   | 2.00            | "     | 4.00        |                | 79.2                                      | 50-150      |          |     |           |      |
| N-MeFOSAA                                          | 3.38   | 2.00            | "     | 4.00        |                | 84.4                                      | 50-150      |          |     |           |      |
| N-EtFOSAA                                          | 2.31   | 2.00            | "     | 4.00        |                | 57.7                                      | 50-150      |          |     |           |      |
| Perfluoropentanoic acid (PFPeA)                    | 6.43   | 4.00            | "     | 8.00        |                | 80.3                                      | 50-150      |          |     |           |      |
| Perfluoro-1-octanesulfonamide (FOSA)               | 2.83   | 2.00            | "     | 4.00        |                | 70.8                                      | 50-150      |          |     |           |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 2.78   | 1.91            | "     | 3.82        |                | 72.8                                      | 50-150      |          |     |           |      |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 2.65   | 1.93            | "     | 3.86        |                | 68.6                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 10.8   | 7.60            | "     | 15.2        |                | 71.4                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 11.3   | 7.68            | "     | 15.4        |                | 73.3                                      | 50-150      |          |     |           |      |
| Perfluoro-n-butanoic acid (PFBA)                   | 12.1   | 8.00            | "     | 16.0        |                | 75.5                                      | 50-150      |          |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 4.81   | 3.56            | "     | 7.12        |                | 67.6                                      | 50-150      |          |     |           |      |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 5.30   | 4.00            | "     | 8.00        |                | 66.3                                      | 50-150      |          |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 3.17   | 4.00            | "     | 8.00        |                | 39.6                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 6.52   | 4.00            | "     | 8.00        |                | 81.5                                      | 50-150      |          |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 2.91   | 1.88            | "     | 3.76        |                | 77.5                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 11.6   | 7.50            | "     | 15.0        |                | 77.2                                      | 50-150      |          |     |           |      |
| HFPO-DA (Gen-X)                                    | 5.23   | 8.00            | "     | 8.00        |                | 65.4                                      | 50-150      |          |     |           |      |
| 11CL-PF3OUdS                                       | 4.73   | 7.56            | "     | 7.56        |                | 62.6                                      | 50-150      |          |     |           |      |
| 9CL-PF3ONS                                         | 4.57   | 7.48            | "     | 7.48        |                | 61.0                                      | 50-150      |          |     |           |      |
| ADONA                                              | 5.55   | 7.56            | "     | 7.56        |                | 73.5                                      | 50-150      |          |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)             | 1.31   | 1.94            | "     | 3.88        |                | 33.8                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 2.89   | 1.92            | "     | 3.84        |                | 75.2                                      | 50-150      |          |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | 12.1   | 5.00            | "     | 16.0        |                | 75.5                                      | 50-150      |          |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 66.1   | 25.0            | "     | 80.0        |                | 82.6                                      | 50-150      |          |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | 69.2   | 25.0            | "     | 80.0        |                | 86.5                                      | 50-150      |          |     |           |      |
| N-MeFOSE                                           | 30.9   | 20.0            | "     | 40.0        |                | 77.2                                      | 50-150      |          |     |           |      |
| N-MeFOSA                                           | 3.08   | 2.00            | "     | 4.00        |                | 77.1                                      | 50-150      |          |     |           |      |
| N-EtFOSE                                           | 28.1   | 20.0            | "     | 40.0        |                | 70.3                                      | 50-150      |          |     |           |      |
| N-EtFOSA                                           | 2.13   | 2.00            | "     | 4.00        |                | 53.2                                      | 50-150      |          |     |           |      |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

#### Batch BD51580 - EPA 1633 Prep

##### LCS (BD51580-BS2)

Prepared: 04/22/2025 Analyzed: 04/23/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M3PFBS                                         | 28.8 |  | ng/L | 23.3 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 31.5 |  | "    | 25.0 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 32.5 |  | "    | 25.0 |  | 130  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 30.3 |  | "    | 23.7 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 30.9 |  | "    | 25.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 12.9 |  | "    | 12.5 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 12.2 |  | "    | 12.5 |  | 97.9 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.1 |  | "    | 12.5 |  | 96.8 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.1 |  | "    | 12.5 |  | 80.8 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 21.6 |  | "    | 100  |  | 21.6 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 31.6 |  | "    | 24.0 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 57.3 |  | "    | 50.0 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 30.9 |  | "    | 25.0 |  | 124  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 57.0 |  | "    | 50.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 61.5 |  | "    | 50.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 62.5 |  | "    | 47.6 |  | 131  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 59.8 |  | "    | 48.0 |  | 125  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.3 |  | "    | 12.5 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 62.2 |  | "    | 46.9 |  | 133  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 14.3 |  | "    | 25.0 |  | 57.2 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 11.1 |  | "    | 25.0 |  | 44.4 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 124  |  | "    | 100  |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 200  |  | "    | 250  |  | 80.1 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 211  |  | "    | 250  |  | 84.4 | 25-150 |  |  |  |  |

#### Batch BD51677 - EPA 1633 Prep

##### Blank (BD51677-BLK1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                          |    |      |      |
|------------------------------------------|----|------|------|
| Perfluorobutanesulfonic acid (PFBS)      | ND | 1.77 | ng/L |
| Perfluorohexanoic acid (PFHxA)           | ND | 2.00 | "    |
| Perfluoroheptanoic acid (PFHpA)          | ND | 2.00 | "    |
| Perfluorohexanesulfonic acid (PFHxS)     | ND | 1.83 | "    |
| Perfluorooctanoic acid (PFOA)            | ND | 2.00 | "    |
| Perfluorooctanesulfonic acid (PFOS)      | ND | 1.86 | "    |
| Perfluorononanoic acid (PFNA)            | ND | 2.00 | "    |
| Perfluorodecanoic acid (PFDA)            | ND | 2.00 | "    |
| Perfluoroundecanoic acid (PFUnA)         | ND | 2.00 | "    |
| Perfluorododecanoic acid (PFDoA)         | ND | 2.00 | "    |
| Perfluorotridecanoic acid (PFTriDA)      | ND | 2.00 | "    |
| Perfluorotetradecanoic acid (PFTA)       | ND | 2.00 | "    |
| N-MeFOSAA                                | ND | 2.00 | "    |
| N-EtFOSAA                                | ND | 2.00 | "    |
| Perfluoropentanoic acid (PFPeA)          | ND | 4.00 | "    |
| Perfluoro-1-octanesulfonamide (FOSA)     | ND | 2.00 | "    |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | ND | 1.91 | "    |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

Batch BD51677 - EPA 1633 Prep

Blank (BD51677-BLK1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluoro-1-decanesulfonic acid (PFDS)                    | ND   | 1.93 | ng/L |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)        | ND   | 7.60 | "    |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)        | ND   | 7.68 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                          | ND   | 8.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFESA)            | ND   | 3.56 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)                 | ND   | 4.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND   | 4.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND   | 4.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | ND   | 1.88 | "    |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND   | 7.50 | "    |      |  |      |        |  |  |  |  |
| HFPO-DA (Gen-X)                                           | ND   | 8.00 | "    |      |  |      |        |  |  |  |  |
| 11CL-PF3OUdS                                              | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| 9CL-PF3ONS                                                | ND   | 7.48 | "    |      |  |      |        |  |  |  |  |
| ADONA                                                     | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | ND   | 1.94 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | ND   | 1.92 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPPrPA)                 | ND   | 5.00 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| Surrogate: M3PFBS                                         | 29.7 |      | "    | 23.3 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 28.9 |      | "    | 25.0 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 30.8 |      | "    | 25.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 32.0 |      | "    | 23.7 |  | 135  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 30.9 |      | "    | 25.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 14.1 |      | "    | 12.5 |  | 113  | 25-150 |  |  |  |  |
| Surrogate: M7PFUdA                                        | 12.4 |      | "    | 12.5 |  | 99.2 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 10.6 |      | "    | 12.5 |  | 85.0 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.1 |      | "    | 12.5 |  | 81.0 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 15.8 |      | "    | 100  |  | 15.8 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 29.4 |      | "    | 24.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C5]pentanoic acid (M5PFPeA)     | 51.2 |      | "    | 50.0 |  | 102  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 30.6 |      | "    | 25.0 |  | 123  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 55.4 |      | "    | 50.0 |  | 111  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 57.1 |      | "    | 50.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 65.0 |      | "    | 47.6 |  | 137  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 59.7 |      | "    | 48.0 |  | 124  | 25-200 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

#### Batch BD51677 - EPA 1633 Prep

##### Blank (BD51677-BLK1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                        |      |  |      |      |  |      |        |  |  |  |  |
|------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M9PFNA      | 14.3 |  | ng/L | 12.5 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS  | 65.3 |  | "    | 46.9 |  | 139  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA  | 18.1 |  | "    | 25.0 |  | 72.5 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA  | 17.0 |  | "    | 25.0 |  | 68.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA   | 107  |  | "    | 100  |  | 107  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE | 219  |  | "    | 250  |  | 87.7 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE | 189  |  | "    | 250  |  | 75.6 | 25-150 |  |  |  |  |

##### LCS (BD51677-BS1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                    |      |      |      |      |  |      |        |          |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 31.3 | 1.77 | ng/L | 35.4 |  | 88.3 | 50-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 33.0 | 2.00 | "    | 40.0 |  | 82.6 | 50-150 |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 33.3 | 2.00 | "    | 40.0 |  | 83.3 | 50-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 31.6 | 1.83 | "    | 36.6 |  | 86.3 | 50-150 |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 33.7 | 2.00 | "    | 40.0 |  | 84.3 | 50-150 |          |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 32.1 | 1.86 | "    | 37.2 |  | 86.3 | 50-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 31.0 | 2.00 | "    | 40.0 |  | 77.4 | 50-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 37.0 | 2.00 | "    | 40.0 |  | 92.6 | 50-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 35.9 | 2.00 | "    | 40.0 |  | 89.8 | 50-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 32.1 | 2.00 | "    | 40.0 |  | 80.3 | 50-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTTrDA)                | 47.3 | 2.00 | "    | 40.0 |  | 118  | 50-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 32.1 | 2.00 | "    | 40.0 |  | 80.3 | 50-150 |          |  |  |  |
| N-MeFOSAA                                          | 34.0 | 2.00 | "    | 40.0 |  | 85.0 | 50-150 |          |  |  |  |
| N-EtFOSAA                                          | 36.6 | 2.00 | "    | 40.0 |  | 91.5 | 50-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 68.1 | 4.00 | "    | 80.0 |  | 85.2 | 50-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 31.1 | 2.00 | "    | 40.0 |  | 77.8 | 50-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 36.6 | 1.91 | "    | 38.2 |  | 95.7 | 50-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 31.0 | 1.93 | "    | 38.6 |  | 80.2 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 131  | 7.60 | "    | 152  |  | 85.9 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 130  | 7.68 | "    | 154  |  | 84.4 | 50-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 139  | 8.00 | "    | 160  |  | 87.1 | 50-150 |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 60.7 | 3.56 | "    | 71.2 |  | 85.3 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 64.6 | 4.00 | "    | 80.0 |  | 80.7 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 30.3 | 4.00 | "    | 80.0 |  | 37.9 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 76.2 | 4.00 | "    | 80.0 |  | 95.2 | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 31.8 | 1.88 | "    | 37.6 |  | 84.6 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 123  | 7.50 | "    | 150  |  | 82.1 | 50-150 |          |  |  |  |
| HFPO-DA (Gen-X)                                    | 73.8 | 8.00 | "    | 80.0 |  | 92.3 | 50-150 |          |  |  |  |
| 11CL-PF3OUdS                                       | 47.4 | 7.56 | "    | 75.6 |  | 62.7 | 50-150 |          |  |  |  |
| 9CL-PF3ONS                                         | 60.2 | 7.48 | "    | 74.8 |  | 80.5 | 50-150 |          |  |  |  |
| ADONA                                              | 68.2 | 7.56 | "    | 75.6 |  | 90.3 | 50-150 |          |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)             | 17.5 | 1.94 | "    | 38.8 |  | 45.1 | 50-150 | Low Bias |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 29.2 | 1.92 | "    | 38.4 |  | 76.0 | 50-150 |          |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPPa)            | 124  | 5.00 | "    | 160  |  | 77.7 | 50-150 |          |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 717  | 25.0 | "    | 800  |  | 89.6 | 50-150 |          |  |  |  |





PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

Batch BD51677 - EPA 1633 Prep

LCS (BD51677-BS1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 722  | 25.0 | ng/L | 800  |  | 90.2 | 50-150 |  |  |  |  |
| N-MeFOSE                                                  | 331  | 20.0 | "    | 400  |  | 82.8 | 50-150 |  |  |  |  |
| N-MeFOSA                                                  | 36.7 | 2.00 | "    | 40.0 |  | 91.8 | 50-150 |  |  |  |  |
| N-EtFOSE                                                  | 269  | 20.0 | "    | 400  |  | 67.2 | 50-150 |  |  |  |  |
| N-EtFOSA                                                  | 34.0 | 2.00 | "    | 40.0 |  | 85.1 | 50-150 |  |  |  |  |
| Surrogate: M3PFBS                                         | 26.1 |      | "    | 23.3 |  | 112  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 27.4 |      | "    | 25.0 |  | 110  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 28.1 |      | "    | 25.0 |  | 112  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 27.2 |      | "    | 23.7 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 29.2 |      | "    | 25.0 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 11.7 |      | "    | 12.5 |  | 93.9 | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 11.9 |      | "    | 12.5 |  | 95.1 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 10.5 |      | "    | 12.5 |  | 83.7 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 6.16 |      | "    | 12.5 |  | 49.3 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 17.0 |      | "    | 100  |  | 17.0 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 25.0 |      | "    | 24.0 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 48.4 |      | "    | 50.0 |  | 96.9 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 27.5 |      | "    | 25.0 |  | 110  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 46.7 |      | "    | 50.0 |  | 93.4 | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 44.2 |      | "    | 50.0 |  | 88.4 | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 62.7 |      | "    | 47.6 |  | 132  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 57.6 |      | "    | 48.0 |  | 120  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 14.3 |      | "    | 12.5 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 62.4 |      | "    | 46.9 |  | 133  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 14.8 |      | "    | 25.0 |  | 59.4 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 10.5 |      | "    | 25.0 |  | 42.1 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 109  |      | "    | 100  |  | 109  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 144  |      | "    | 250  |  | 57.6 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 145  |      | "    | 250  |  | 58.0 | 25-150 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

Batch BD51677 - EPA 1633 Prep

LCS (BD51677-BS2)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                    |      |      |      |      |  |      |        |          |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 3.06 | 1.77 | ng/L | 3.54 |  | 86.3 | 50-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 3.32 | 2.00 | "    | 4.00 |  | 83.0 | 50-150 |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 3.48 | 2.00 | "    | 4.00 |  | 87.1 | 50-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 2.77 | 1.83 | "    | 3.66 |  | 75.6 | 50-150 |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 3.38 | 2.00 | "    | 4.00 |  | 84.6 | 50-150 |          |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 2.19 | 1.86 | "    | 3.72 |  | 58.8 | 50-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 3.85 | 2.00 | "    | 4.00 |  | 96.2 | 50-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 3.25 | 2.00 | "    | 4.00 |  | 81.3 | 50-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 3.96 | 2.00 | "    | 4.00 |  | 99.0 | 50-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 3.20 | 2.00 | "    | 4.00 |  | 80.0 | 50-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTrDA)                 | 4.16 | 2.00 | "    | 4.00 |  | 104  | 50-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 3.53 | 2.00 | "    | 4.00 |  | 88.4 | 50-150 |          |  |  |  |
| N-MeFOSAA                                          | 3.15 | 2.00 | "    | 4.00 |  | 78.7 | 50-150 |          |  |  |  |
| N-EtFOSAA                                          | 3.01 | 2.00 | "    | 4.00 |  | 75.3 | 50-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 6.93 | 4.00 | "    | 8.00 |  | 86.6 | 50-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 3.25 | 2.00 | "    | 4.00 |  | 81.2 | 50-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 3.26 | 1.91 | "    | 3.82 |  | 85.4 | 50-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 1.89 | 1.93 | "    | 3.86 |  | 48.9 | 50-150 | Low Bias |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 12.3 | 7.60 | "    | 15.2 |  | 80.8 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 12.5 | 7.68 | "    | 15.4 |  | 81.3 | 50-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 12.6 | 8.00 | "    | 16.0 |  | 78.8 | 50-150 |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 5.38 | 3.56 | "    | 7.12 |  | 75.5 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)          | 6.74 | 4.00 | "    | 8.00 |  | 84.2 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 2.35 | 4.00 | "    | 8.00 |  | 29.3 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 7.36 | 4.00 | "    | 8.00 |  | 92.0 | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 2.89 | 1.88 | "    | 3.76 |  | 76.8 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 12.5 | 7.50 | "    | 15.0 |  | 83.4 | 50-150 |          |  |  |  |
| HFPO-DA (Gen-X)                                    | 5.90 | 8.00 | "    | 8.00 |  | 73.8 | 50-150 |          |  |  |  |
| 11CL-PF3OUdS                                       | 5.03 | 7.56 | "    | 7.56 |  | 66.6 | 50-150 |          |  |  |  |
| 9CL-PF3ONS                                         | 4.93 | 7.48 | "    | 7.48 |  | 65.9 | 50-150 |          |  |  |  |
| ADONA                                              | 6.45 | 7.56 | "    | 7.56 |  | 85.3 | 50-150 |          |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)             | 2.74 | 1.94 | "    | 3.88 |  | 70.6 | 50-150 |          |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 3.01 | 1.92 | "    | 3.84 |  | 78.5 | 50-150 |          |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | 11.2 | 5.00 | "    | 16.0 |  | 70.1 | 50-150 |          |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 72.0 | 25.0 | "    | 80.0 |  | 90.0 | 50-150 |          |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | 68.9 | 25.0 | "    | 80.0 |  | 86.2 | 50-150 |          |  |  |  |
| N-MeFOSE                                           | 31.0 | 20.0 | "    | 40.0 |  | 77.5 | 50-150 |          |  |  |  |
| N-MeFOSA                                           | 2.56 | 2.00 | "    | 4.00 |  | 63.9 | 50-150 |          |  |  |  |
| N-EtFOSE                                           | 24.0 | 20.0 | "    | 40.0 |  | 60.1 | 50-150 |          |  |  |  |
| N-EtFOSA                                           | 2.34 | 2.00 | "    | 4.00 |  | 58.6 | 50-150 |          |  |  |  |
| Surrogate: M3PFBS                                  | 24.0 |      | "    | 23.3 |  | 103  | 25-150 |          |  |  |  |
| Surrogate: M5PFHxA                                 | 24.5 |      | "    | 25.0 |  | 98.0 | 25-150 |          |  |  |  |
| Surrogate: M4PFHpA                                 | 26.2 |      | "    | 25.0 |  | 105  | 25-150 |          |  |  |  |
| Surrogate: M3PFHxS                                 | 26.2 |      | "    | 23.7 |  | 111  | 25-150 |          |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

#### Batch BD51677 - EPA 1633 Prep

##### LCS (BD51677-BS2)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 26.0 |  | ng/L | 25.0 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 12.6 |  | "    | 12.5 |  | 101  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 12.2 |  | "    | 12.5 |  | 97.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.5 |  | "    | 12.5 |  | 92.0 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 8.49 |  | "    | 12.5 |  | 67.9 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 10.4 |  | "    | 100  |  | 10.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 27.5 |  | "    | 24.0 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 41.3 |  | "    | 50.0 |  | 82.6 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 27.9 |  | "    | 25.0 |  | 112  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 52.5 |  | "    | 50.0 |  | 105  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 55.0 |  | "    | 50.0 |  | 110  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 54.8 |  | "    | 47.6 |  | 115  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 50.2 |  | "    | 48.0 |  | 105  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 12.4 |  | "    | 12.5 |  | 99.1 | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 54.5 |  | "    | 46.9 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 17.6 |  | "    | 25.0 |  | 70.5 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 14.6 |  | "    | 25.0 |  | 58.6 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 97.4 |  | "    | 100  |  | 97.4 | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 215  |  | "    | 250  |  | 86.0 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 182  |  | "    | 250  |  | 72.7 | 25-150 |  |  |  |  |

##### Matrix Spike (BD51677-MS1)

\*Source sample: 25D1227-07 (MW-75)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                    |      |      |      |      |      |      |        |  |  |  |  |
|----------------------------------------------------|------|------|------|------|------|------|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 38.1 | 1.98 | ng/L | 39.7 | 3.50 | 87.1 | 25-150 |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 51.0 | 2.24 | "    | 44.8 | 14.0 | 82.6 | 25-150 |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 67.6 | 2.24 | "    | 44.8 | 13.2 | 121  | 25-150 |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 51.3 | 2.05 | "    | 41.0 | 18.7 | 79.6 | 25-150 |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 46.9 | 2.24 | "    | 44.8 | 13.0 | 75.6 | 25-150 |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 116  | 2.08 | "    | 41.7 | 77.2 | 93.0 | 25-150 |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 48.5 | 2.24 | "    | 44.8 | 12.9 | 79.5 | 25-150 |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 38.7 | 2.24 | "    | 44.8 | 1.72 | 82.6 | 25-150 |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 46.4 | 2.24 | "    | 44.8 | ND   | 104  | 25-150 |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 35.0 | 2.24 | "    | 44.8 | ND   | 78.0 | 25-150 |  |  |  |  |
| Perfluorotridecanoic acid (PFTrDA)                 | 38.6 | 2.24 | "    | 44.8 | ND   | 86.2 | 25-150 |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 36.5 | 2.24 | "    | 44.8 | ND   | 81.5 | 25-150 |  |  |  |  |
| N-MeFOSAA                                          | 37.1 | 2.24 | "    | 44.8 | ND   | 82.7 | 25-150 |  |  |  |  |
| N-EtFOSAA                                          | 39.3 | 2.24 | "    | 44.8 | ND   | 87.8 | 25-150 |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 91.8 | 4.48 | "    | 89.6 | 17.1 | 83.4 | 25-150 |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 30.5 | 2.24 | "    | 44.8 | ND   | 68.0 | 25-150 |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 38.2 | 2.14 | "    | 42.8 | ND   | 89.3 | 25-150 |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 16.6 | 2.16 | "    | 43.2 | ND   | 38.4 | 25-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 122  | 8.51 | "    | 170  | ND   | 71.9 | 25-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 151  | 8.60 | "    | 172  | ND   | 88.0 | 25-150 |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 168  | 8.96 | "    | 179  | 8.63 | 88.9 | 25-150 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                                   | Result | Reporting Limit                    | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag                                      | RPD | RPD Limit | Flag |
|-----------------------------------------------------------|--------|------------------------------------|-------|-------------|----------------|------|-------------|-------------------------------------------|-----|-----------|------|
| Batch BD51677 - EPA 1633 Prep                             |        |                                    |       |             |                |      |             |                                           |     |           |      |
| Matrix Spike (BD51677-MS1)                                |        | *Source sample: 25D1227-07 (MW-75) |       |             |                |      |             | Prepared: 04/23/2025 Analyzed: 04/24/2025 |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)            | 72.2   | 3.99                               | ng/L  | 79.8        | ND             | 90.5 | 25-150      |                                           |     |           |      |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)                 | 45.0   | 4.48                               | "     | 89.6        | ND             | 50.2 | 25-150      |                                           |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | 99.9   | 4.48                               | "     | 89.6        | ND             | 111  | 25-150      |                                           |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | 71.2   | 4.48                               | "     | 89.6        | ND             | 79.5 | 25-150      |                                           |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | 35.4   | 2.11                               | "     | 42.1        | 1.66           | 80.1 | 25-150      |                                           |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 121    | 8.40                               | "     | 168         | ND             | 72.3 | 25-150      |                                           |     |           |      |
| HFPO-DA (Gen-X)                                           | 91.6   | 8.96                               | "     | 89.6        | ND             | 102  | 25-150      |                                           |     |           |      |
| 11CL-PF3OUdS                                              | 29.6   | 8.47                               | "     | 84.7        | ND             | 35.0 | 25-150      |                                           |     |           |      |
| 9CL-PF3ONS                                                | 54.2   | 8.38                               | "     | 83.8        | ND             | 64.7 | 25-150      |                                           |     |           |      |
| ADONA                                                     | 97.2   | 8.47                               | "     | 84.7        | ND             | 115  | 25-150      |                                           |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)                    | 10.8   | 2.17                               | "     | 43.5        | ND             | 24.9 | 25-150      | Low Bias                                  |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 19.4   | 2.15                               | "     | 43.0        | ND             | 45.1 | 25-150      |                                           |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPPrPA)                 | 227    | 5.60                               | "     | 179         | ND             | 127  | 25-150      |                                           |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 1240   | 28.0                               | "     | 896         | ND             | 139  | 25-150      |                                           |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 1060   | 28.0                               | "     | 896         | ND             | 118  | 25-150      |                                           |     |           |      |
| N-MeFOSE                                                  | 361    | 22.4                               | "     | 448         | ND             | 80.4 | 25-150      |                                           |     |           |      |
| N-MeFOSA                                                  | 33.5   | 2.24                               | "     | 44.8        | ND             | 74.8 | 25-150      |                                           |     |           |      |
| N-EtFOSE                                                  | 430    | 22.4                               | "     | 448         | ND             | 95.8 | 25-150      |                                           |     |           |      |
| N-EtFOSA                                                  | 37.8   | 2.24                               | "     | 44.8        | ND             | 84.3 | 25-150      |                                           |     |           |      |
| Surrogate: M3PFBS                                         | 27.8   |                                    | "     | 26.1        |                | 106  | 25-150      |                                           |     |           |      |
| Surrogate: M5PFHxA                                        | 35.6   |                                    | "     | 28.0        |                | 127  | 25-150      |                                           |     |           |      |
| Surrogate: M4PFHpA                                        | 25.5   |                                    | "     | 28.0        |                | 91.0 | 25-150      |                                           |     |           |      |
| Surrogate: M3PFHxS                                        | 31.9   |                                    | "     | 26.6        |                | 120  | 25-150      |                                           |     |           |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 37.8   |                                    | "     | 28.0        |                | 135  | 25-150      |                                           |     |           |      |
| Surrogate: M6PFDA                                         | 16.5   |                                    | "     | 14.0        |                | 118  | 25-150      |                                           |     |           |      |
| Surrogate: M7PFUDa                                        | 9.82   |                                    | "     | 14.0        |                | 70.1 | 25-150      |                                           |     |           |      |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 7.38   |                                    | "     | 14.0        |                | 52.7 | 25-150      |                                           |     |           |      |
| Surrogate: M2PFTeDA                                       | 6.80   |                                    | "     | 14.0        |                | 48.6 | 10-150      |                                           |     |           |      |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 126    |                                    | "     | 112         |                | 112  | 25-150      |                                           |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 37.1   |                                    | "     | 26.8        |                | 138  | 25-150      |                                           |     |           |      |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 79.1   |                                    | "     | 56.0        |                | 141  | 25-150      |                                           |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 30.3   |                                    | "     | 28.0        |                | 108  | 10-150      |                                           |     |           |      |
| Surrogate: d3-N-MeFOSAA                                   | 69.6   |                                    | "     | 56.0        |                | 124  | 25-150      |                                           |     |           |      |
| Surrogate: d5-N-EtFOSAA                                   | 68.7   |                                    | "     | 56.0        |                | 123  | 25-150      |                                           |     |           |      |
| Surrogate: M2-6:2 FTS                                     | 207    |                                    | "     | 53.3        |                | 388  | 25-200      |                                           |     |           |      |
| Surrogate: M2-8:2 FTS                                     | 165    |                                    | "     | 53.8        |                | 307  | 25-200      |                                           |     |           |      |
| Surrogate: M9PFNA                                         | 18.5   |                                    | "     | 14.0        |                | 132  | 25-150      |                                           |     |           |      |
| Surrogate: M2-4:2 FTS                                     | 183    |                                    | "     | 52.5        |                | 348  | 25-150      |                                           |     |           |      |
| Surrogate: d-N-MeFOSA                                     | 11.6   |                                    | "     | 28.0        |                | 41.3 | 25-150      |                                           |     |           |      |
| Surrogate: d-N-EtFOSA                                     | 9.48   |                                    | "     | 28.0        |                | 33.8 | 25-150      |                                           |     |           |      |
| Surrogate: M3HFPO-DA                                      | 119    |                                    | "     | 112         |                | 106  | 25-150      |                                           |     |           |      |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                            | Result | Reporting Limit                    | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag                                      | RPD    | Limit | Flag |
|----------------------------------------------------|--------|------------------------------------|-------|-------------|----------------|------|-------------|-------------------------------------------|--------|-------|------|
| <b>Batch BD51677 - EPA 1633 Prep</b>               |        |                                    |       |             |                |      |             |                                           |        |       |      |
| <b>Matrix Spike (BD51677-MS1)</b>                  |        | *Source sample: 25D1227-07 (MW-75) |       |             |                |      |             | Prepared: 04/23/2025 Analyzed: 04/24/2025 |        |       |      |
| Surrogate: d9-N-EtFOSE                             | 166    |                                    | ng/L  | 280         |                | 59.4 | 25-150      |                                           |        |       |      |
| Surrogate: d7-N-MeFOSE                             | 207    |                                    | "     | 280         |                | 74.1 | 25-150      |                                           |        |       |      |
| <b>Matrix Spike Dup (BD51677-MSD1)</b>             |        | *Source sample: 25D1227-07 (MW-75) |       |             |                |      |             | Prepared: 04/23/2025 Analyzed: 04/24/2025 |        |       |      |
| Perfluorobutanesulfonic acid (PFBS)                | 34.8   | 1.76                               | ng/L  | 35.2        | 3.50           | 88.9 | 25-150      |                                           | 9.02   | 35    |      |
| Perfluorohexanoic acid (PFHxA)                     | 51.3   | 1.99                               | "     | 39.8        | 14.0           | 93.7 | 25-150      |                                           | 0.460  | 35    |      |
| Perfluoroheptanoic acid (PFHpA)                    | 58.5   | 1.99                               | "     | 39.8        | 13.2           | 114  | 25-150      |                                           | 14.5   | 35    |      |
| Perfluorohexanesulfonic acid (PFHxS)               | 50.8   | 1.82                               | "     | 36.4        | 18.7           | 88.2 | 25-150      |                                           | 1.09   | 35    |      |
| Perfluorooctanoic acid (PFOA)                      | 44.6   | 1.99                               | "     | 39.8        | 13.0           | 79.5 | 25-150      |                                           | 5.01   | 35    |      |
| Perfluorooctanesulfonic acid (PFOS)                | 120    | 1.85                               | "     | 37.0        | 77.2           | 115  | 25-150      |                                           | 3.31   | 35    |      |
| Perfluorononanoic acid (PFNA)                      | 49.9   | 1.99                               | "     | 39.8        | 12.9           | 93.1 | 25-150      |                                           | 2.84   | 35    |      |
| Perfluorodecanoic acid (PFDA)                      | 41.2   | 1.99                               | "     | 39.8        | 1.72           | 99.2 | 25-150      |                                           | 6.17   | 35    |      |
| Perfluoroundecanoic acid (PFUnA)                   | 40.1   | 1.99                               | "     | 39.8        | ND             | 101  | 25-150      |                                           | 14.7   | 35    |      |
| Perfluorododecanoic acid (PFDoA)                   | 31.8   | 1.99                               | "     | 39.8        | ND             | 79.9 | 25-150      |                                           | 9.53   | 35    |      |
| Perfluorotridecanoic acid (PFTTrDA)                | 39.0   | 1.99                               | "     | 39.8        | ND             | 98.0 | 25-150      |                                           | 0.944  | 35    |      |
| Perfluorotetradecanoic acid (PFTA)                 | 30.7   | 1.99                               | "     | 39.8        | ND             | 77.2 | 25-150      |                                           | 17.3   | 35    |      |
| N-MeFOSAA                                          | 34.9   | 1.99                               | "     | 39.8        | ND             | 87.7 | 25-150      |                                           | 6.14   | 35    |      |
| N-EtFOSAA                                          | 32.6   | 1.99                               | "     | 39.8        | ND             | 82.1 | 25-150      |                                           | 18.7   | 35    |      |
| Perfluoropentanoic acid (PFPeA)                    | 87.3   | 3.98                               | "     | 79.5        | 17.1           | 88.4 | 25-150      |                                           | 4.97   | 35    |      |
| Perfluoro-1-octanesulfonamide (FOSA)               | 27.0   | 1.99                               | "     | 39.8        | ND             | 67.9 | 25-150      |                                           | 12.1   | 35    |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 34.8   | 1.90                               | "     | 38.0        | ND             | 91.7 | 25-150      |                                           | 9.25   | 35    |      |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 19.9   | 1.92                               | "     | 38.4        | ND             | 51.8 | 25-150      |                                           | 17.9   | 35    |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 109    | 7.55                               | "     | 151         | ND             | 71.9 | 25-150      |                                           | 12.0   | 35    |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 128    | 7.63                               | "     | 153         | ND             | 83.6 | 25-150      |                                           | 17.1   | 35    |      |
| Perfluoro-n-butanoic acid (PFBA)                   | 153    | 7.95                               | "     | 159         | 8.63           | 90.7 | 25-150      |                                           | 9.40   | 35    |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 68.1   | 3.54                               | "     | 70.8        | ND             | 96.2 | 25-150      |                                           | 5.83   | 30    |      |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 35.5   | 3.98                               | "     | 79.5        | ND             | 44.6 | 25-150      |                                           | 23.6   | 30    |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 82.9   | 3.98                               | "     | 79.5        | ND             | 104  | 25-150      |                                           | 18.6   | 30    |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 64.7   | 3.98                               | "     | 79.5        | ND             | 81.4 | 25-150      |                                           | 9.57   | 30    |      |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 33.3   | 1.87                               | "     | 37.4        | 1.66           | 84.6 | 25-150      |                                           | 6.11   | 30    |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 112    | 7.46                               | "     | 149         | ND             | 74.9 | 25-150      |                                           | 8.43   | 30    |      |
| HFPO-DA (Gen-X)                                    | 69.7   | 7.95                               | "     | 79.5        | ND             | 87.7 | 25-150      |                                           | 27.2   | 30    |      |
| 11CL-PF3OUdS                                       | 32.7   | 7.51                               | "     | 75.1        | ND             | 43.5 | 25-150      |                                           | 9.87   | 30    |      |
| 9CL-PF3ONS                                         | 54.2   | 7.44                               | "     | 74.4        | ND             | 72.9 | 25-150      |                                           | 0.0300 | 30    |      |
| ADONA                                              | 90.1   | 7.51                               | "     | 75.1        | ND             | 120  | 25-150      |                                           | 7.58   | 30    |      |
| Perfluorododecanesulfonic acid (PFDoS)             | 9.40   | 1.93                               | "     | 38.6        | ND             | 24.4 | 25-150      | Low Bias                                  | 14.1   | 30    |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 19.6   | 1.91                               | "     | 38.2        | ND             | 51.3 | 25-150      |                                           | 0.875  | 30    |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | 198    | 4.97                               | "     | 159         | ND             | 125  | 25-150      |                                           | 13.7   | 30    |      |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 1150   | 24.9                               | "     | 795         | ND             | 144  | 25-150      |                                           | 8.04   | 30    |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | 985    | 24.9                               | "     | 795         | ND             | 124  | 25-150      |                                           | 7.00   | 30    |      |
| N-MeFOSE                                           | 322    | 19.9                               | "     | 398         | ND             | 80.9 | 25-150      |                                           | 11.4   | 30    |      |
| N-MeFOSA                                           | 37.8   | 1.99                               | "     | 39.8        | ND             | 95.1 | 25-150      |                                           | 12.0   | 30    |      |
| N-EtFOSE                                           | 380    | 19.9                               | "     | 398         | ND             | 95.6 | 25-150      |                                           | 12.2   | 30    |      |
| N-EtFOSA                                           | 39.3   | 1.99                               | "     | 39.8        | ND             | 98.8 | 25-150      |                                           | 3.89   | 30    |      |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

Batch BD51677 - EPA 1633 Prep

Matrix Spike Dup (BD51677-MSD1) \*Source sample: 25D1227-07 (MW-75) Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                               |      |  |      |      |  |      |        |  |  |  |  |
|---------------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M3PFBS                                             | 27.4 |  | ng/L | 23.2 |  | 118  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                            | 30.4 |  | "    | 24.9 |  | 122  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                            | 24.7 |  | "    | 24.9 |  | 99.4 | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                            | 30.3 |  | "    | 23.6 |  | 129  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic<br>acid (M8PFOA)        | 32.5 |  | "    | 24.9 |  | 131  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                             | 12.5 |  | "    | 12.4 |  | 101  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                            | 9.58 |  | "    | 12.4 |  | 77.1 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 6.60 |  | "    | 12.4 |  | 53.1 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                           | 5.44 |  | "    | 12.4 |  | 43.8 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic<br>acid (MPFBA)         | 92.4 |  | "    | 99.4 |  | 93.0 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 35.1 |  | "    | 23.8 |  | 148  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic<br>acid (M5PFPeA)      | 70.1 |  | "    | 49.7 |  | 141  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 33.0 |  | "    | 24.9 |  | 133  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                       | 71.4 |  | "    | 49.7 |  | 144  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                       | 73.5 |  | "    | 49.7 |  | 148  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                         | 208  |  | "    | 47.3 |  | 439  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                         | 174  |  | "    | 47.7 |  | 364  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                             | 15.0 |  | "    | 12.4 |  | 121  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                         | 179  |  | "    | 46.6 |  | 385  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                         | 15.0 |  | "    | 24.9 |  | 60.4 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                         | 14.0 |  | "    | 24.9 |  | 56.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                          | 105  |  | "    | 99.4 |  | 106  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                        | 215  |  | "    | 249  |  | 86.7 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                        | 243  |  | "    | 249  |  | 97.8 | 25-150 |  |  |  |  |



## Gas Chromatography/Flame Ionization Detector - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BD51446 - Preparation for GC Analysis

##### Blank (BD51446-BLK1)

Prepared & Analyzed: 04/19/2025

|                           |    |      |      |  |  |  |        |  |  |  |  |
|---------------------------|----|------|------|--|--|--|--------|--|--|--|--|
| Ethylene Glycol           | ND | 10.0 | mg/L |  |  |  |        |  |  |  |  |
| Propylene Glycol          | ND | 10.0 | "    |  |  |  |        |  |  |  |  |
| Surrogate: 1,4-Butanediol | ND |      | "    |  |  |  | 30-130 |  |  |  |  |





### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 25D1227-01 | MW-64            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-02 | FMW-14           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-04 | FMW-23           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-05 | MW-53            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-07 | MW-7S            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-09 | FMW-40           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-10 | FMW-31           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-11 | Field Duplicate  | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-12 | Field Blank      | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25D1227-13 | Trip Blank       | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |



## Sample and Data Qualifiers Relating to This Work Order

|          |                                                                                                                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S-HI     | Surrogate recovery is above acceptance limits. No target compound is detected in sample.                                                                                                           |
| QL-02    | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| PFSu-L   | The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                        |
| PFSu-H   | The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.                                                                        |
| PF-LCS-L | The LCS recovery for this PFAS compound was below control limits.                                                                                                                                  |
| PF-CCV-L | The CCV recovery for this PFAS compound was below control limits.                                                                                                                                  |
| PF-CCV-H | The CCV recovery for this PFAS compound was above control limits.                                                                                                                                  |
| J        | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.                            |
| CCVE     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |

## Definitions and Other Explanations

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *           | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.                                                                                                                                                                                                                                                                                                                              |
| ND          | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)                                                                                                                                                                                                                                                                                                                                                     |
| RL          | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.                                                                                                                                                                                                                                                                                                                                |
| LOQ         | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.                                                                    |
| LOD         | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.                                                                                                                                                                      |
| MDL         | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.                                                                                                               |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.                                                                                                |
| NR          | Not reported                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RPD         | Relative Percent Difference                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Wet         | The data has been reported on an as-received (wet weight) basis                                                                                                                                                                                                                                                                                                                                                                             |
| Low Bias    | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.          |
| High Bias   | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.        |
| Non-Dir.    | Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons. |



If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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# Field Chain-of-Custody Record

YORK Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project Number

2501227

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd, #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

Page 1 of 1

| Report To:                                                                                                                                                                                |                                         | Invoice To:                                                                                                              |                               | YOUR Project Name / Number                                   |  | Samples Collected From                 |                             | Turn-Around Time                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------|--|----------------------------------------|-----------------------------|------------------------------------------------------------|--|
| Company: WSP                                                                                                                                                                              | Address: 500 Summit Lake Dr Valhalla NY | Company: Same                                                                                                            | Address: Same                 | Westchester County Airport (WCA)                             |  | NY <input checked="" type="checkbox"/> | CT <input type="checkbox"/> | RUSH - Next Day                                            |  |
| Phone: 914 329 1392                                                                                                                                                                       | Phone: John Benvegna                    | Phone: John Benvegna                                                                                                     | Phone: John Benvegna          | PO Number US0033899.2856                                     |  | NJ <input type="checkbox"/>            | PA <input type="checkbox"/> | RUSH - Two Day                                             |  |
| E-mail: John.Benvegna@WSP.com                                                                                                                                                             | E-mail: John.Benvegna@WSP.com           | E-mail: John.Benvegna@WSP.com                                                                                            | E-mail: John.Benvegna@WSP.com | Preservative (please list number of containers)              |  | Analyses Requested                     |                             | RUSH - Three Day                                           |  |
| Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved. |                                         | Matrix Codes                                                                                                             |                               | Unpreserved                                                  |  | PFAS 1633                              |                             | RUSH - Four Day                                            |  |
| Samples Collected by: (print AND sign your name)                                                                                                                                          |                                         | S - soil/solid/sludge                                                                                                    |                               | HCl (hydrochloric acid)                                      |  | 8260 full list                         |                             | RUSH - Five Day                                            |  |
| Sample Identification                                                                                                                                                                     |                                         | GW - groundwater                                                                                                         |                               | MeOH (methanol)                                              |  | 1,4-Dioxane                            |                             | Standard (6-9 Day) <input checked="" type="checkbox"/>     |  |
| Date                                                                                                                                                                                      |                                         | DW - drinking water                                                                                                      |                               | HNO <sub>3</sub> (nitric acid)                               |  | Glycols                                |                             | PFAS Standard 7-10 Day <input checked="" type="checkbox"/> |  |
| Time                                                                                                                                                                                      |                                         | SW - surface water                                                                                                       |                               | H <sub>2</sub> SO <sub>4</sub> (sulfuric acid)               |  |                                        |                             | Report Type (circle)                                       |  |
| Matrix                                                                                                                                                                                    |                                         | WW - wastewater                                                                                                          |                               | NaOH (sodium hydroxide)                                      |  |                                        |                             | QA Report                                                  |  |
|                                                                                                                                                                                           |                                         | O - Oil                                                                                                                  |                               | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (sodium thio.) |  |                                        |                             | Summary (Results Only)                                     |  |
|                                                                                                                                                                                           |                                         | Other                                                                                                                    |                               | Trizma                                                       |  |                                        |                             | NY ASP B Package                                           |  |
|                                                                                                                                                                                           |                                         |                                                                                                                          |                               | Ammonium Acetate                                             |  |                                        |                             | NJ Reduced                                                 |  |
|                                                                                                                                                                                           |                                         |                                                                                                                          |                               | Other:                                                       |  |                                        |                             | NJ DKQP                                                    |  |
| MW-64                                                                                                                                                                                     |                                         | 9/17/05                                                                                                                  |                               | 0910                                                         |  | 61W                                    |                             | NJ Full                                                    |  |
| FMW-14                                                                                                                                                                                    |                                         |                                                                                                                          |                               | 1000                                                         |  |                                        |                             | CT RCP                                                     |  |
| MW-52                                                                                                                                                                                     |                                         |                                                                                                                          |                               | 1040                                                         |  |                                        |                             | EDD Type (circle)                                          |  |
| FMW-23                                                                                                                                                                                    |                                         |                                                                                                                          |                               | 1120                                                         |  |                                        |                             | EQUIS (standard)                                           |  |
| MW-53                                                                                                                                                                                     |                                         |                                                                                                                          |                               | 1245                                                         |  |                                        |                             | NYSDEC EQUIS                                               |  |
| FMW-37                                                                                                                                                                                    |                                         |                                                                                                                          |                               | 1315                                                         |  |                                        |                             | NJDEP SRP Haz Site                                         |  |
| MW-75                                                                                                                                                                                     |                                         |                                                                                                                          |                               | 1350                                                         |  |                                        |                             | Standard Excel                                             |  |
| Matrix Spike (MW-75)                                                                                                                                                                      |                                         |                                                                                                                          |                               | 1350                                                         |  |                                        |                             | CMDP                                                       |  |
| Matrix Spike Duplicate (MW-75)                                                                                                                                                            |                                         |                                                                                                                          |                               | 1350                                                         |  |                                        |                             | Other:                                                     |  |
| FMW-35                                                                                                                                                                                    |                                         |                                                                                                                          |                               | 1450                                                         |  |                                        |                             | Regulatory Comparative                                     |  |
| FMW-40                                                                                                                                                                                    |                                         |                                                                                                                          |                               | 1520                                                         |  |                                        |                             | Compared to the following Regulation(s): (please fill in)  |  |
| FMW-31                                                                                                                                                                                    |                                         |                                                                                                                          |                               | 1550                                                         |  |                                        |                             | Field Filtered                                             |  |
| Field Duplicate                                                                                                                                                                           |                                         |                                                                                                                          |                               |                                                              |  |                                        |                             | Lab Filtered                                               |  |
| Field Blank                                                                                                                                                                               |                                         |                                                                                                                          |                               |                                                              |  |                                        |                             |                                                            |  |
| Trip Blank                                                                                                                                                                                |                                         |                                                                                                                          |                               |                                                              |  |                                        |                             |                                                            |  |
| Comments:                                                                                                                                                                                 |                                         | Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N                           |                               |                                                              |  |                                        |                             |                                                            |  |
|                                                                                                                                                                                           |                                         | Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N                      |                               |                                                              |  |                                        |                             |                                                            |  |
|                                                                                                                                                                                           |                                         | COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N           |                               |                                                              |  |                                        |                             |                                                            |  |
|                                                                                                                                                                                           |                                         | Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N |                               |                                                              |  |                                        |                             |                                                            |  |
| 1. Samples Relinquished by / Company                                                                                                                                                      |                                         | Date/Time                                                                                                                |                               | 1. Samples Received by / Company                             |  | Date/Time                              |                             |                                                            |  |
| 2. Samples Received by / Company                                                                                                                                                          |                                         | Date/Time                                                                                                                |                               | 3. Samples Relinquished by / Company                         |  | Date/Time                              |                             |                                                            |  |
| 4. Samples Relinquished by / Company                                                                                                                                                      |                                         | Date/Time                                                                                                                |                               | 4. Samples Received by / Company                             |  | Date/Time                              |                             |                                                            |  |
|                                                                                                                                                                                           |                                         | 4-18-25 16:30                                                                                                            |                               |                                                              |  | 4-18-25 10:44                          |                             |                                                            |  |
|                                                                                                                                                                                           |                                         |                                                                                                                          |                               |                                                              |  | 4-18-25 17:30                          |                             |                                                            |  |
|                                                                                                                                                                                           |                                         |                                                                                                                          |                               |                                                              |  | 4-18-25 17:30                          |                             |                                                            |  |
|                                                                                                                                                                                           |                                         |                                                                                                                          |                               |                                                              |  | 4-18-25 17:30                          |                             |                                                            |  |



# Technical Report

prepared for:

**WSP USA, Inc. (White Plains, NY)**

500 Summit Lake Drive, Suite 450

Valhalla NY, 10595

**Attention: John Benvegna**

Report Date: 04/29/2025

**Client Project ID: Westchester County Airport (WCA)**

York Project (SDG) No.: 25D1268

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/29/2025  
Client Project ID: Westchester County Airport (WCA)  
York Project (SDG) No.: 25D1268

**WSP USA, Inc. (White Plains, NY)**  
500 Summit Lake Drive, Suite 450  
Valhalla NY, 10595  
Attention: John Benvegna

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 21, 2025 and listed below. The project was identified as your project: **Westchester County Airport (WCA)**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

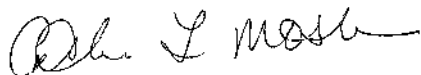
| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 25D1268-01            | MW-56D                  | Ground Water  | 04/18/2025            | 04/21/2025           |
| 25D1268-02            | MW-56S                  | Ground Water  | 04/18/2025            | 04/21/2025           |
| 25D1268-03            | MW-54S                  | Ground Water  | 04/18/2025            | 04/21/2025           |
| 25D1268-04            | MW-54D                  | Ground Water  | 04/18/2025            | 04/21/2025           |
| 25D1268-05            | MW-55S                  | Ground Water  | 04/18/2025            | 04/21/2025           |
| 25D1268-06            | MW-55D                  | Ground Water  | 04/18/2025            | 04/21/2025           |
| 25D1268-07            | Field Blank             | Water         | 04/18/2025            | 04/21/2025           |



## **General Notes for York Project (SDG) No.: 25D1268**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 04/29/2025







## Sample Information

**Client Sample ID:** MW-56D

**York Sample ID:** 25D1268-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 11:45 am

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | ND     |      | ng/L  | 0.442                  | 1.67 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 0.650  | J    | ng/L  | 0.329                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 0.869  | J    | ng/L  | 0.668                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 1.91   |      | ng/L  | 0.640                  | 1.72 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 1.83   | J    | ng/L  | 0.395                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 0.910  | J    | ng/L  | 0.772                  | 1.75 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 0.893  | J    | ng/L  | 0.489                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.706                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.06                   | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.828                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.696                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.649                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.743                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 0.969                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 0.909  | J    | ng/L  | 0.216                  | 3.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.828                  | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |      | ng/L  | 0.856                  | 1.80 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.24                   | 1.82 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.06                   | 7.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 1.93                   | 7.23 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |      | ng/L  | 0.311                  | 7.53 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND     |      | ng/L  | 0.470                  | 3.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |



## Sample Information

**Client Sample ID:** MW-56D

**York Sample ID:** 25D1268-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 11:45 am

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.              | Parameter                                           | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-----------------------------------------------------|--------|------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6          | Perfluoro-3,6-dioxaheptanoic acid (NFDHA)           | ND     |                  | ng/L  | 2.01                   | 3.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 377-73-1             | Perfluoro-4-oxapentanoic acid (PFMPA)               | ND     |                  | ng/L  | 0.235                  | 3.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 863090-89-5          | Perfluoro-5-oxahexanoic acid (PFMBA)                | ND     |                  | ng/L  | 0.348                  | 3.76 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 2706-91-4            | Perfluoro-1-pentanesulfonate (PFPeS)                | ND     |                  | ng/L  | 0.715                  | 1.77 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 757124-72-4          | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)  | ND     |                  | ng/L  | 1.68                   | 7.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 13252-13-6           | HFPO-DA (Gen-X)                                     | ND     |                  | ng/L  | 3.04                   | 7.53 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 763051-92-9          | 11CL-PF3OUdS                                        | ND     |                  | ng/L  | 1.30                   | 7.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 756426-58-1          | 9CL-PF3ONS                                          | ND     |                  | ng/L  | 0.659                  | 7.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 919005-14-4          | ADONA                                               | ND     |                  | ng/L  | 0.499                  | 7.11 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 79780-39-5           | * Perfluorododecanesulfonic acid (PFDoS)            | ND     |                  | ng/L  | 0.875                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 68259-12-1           | * Perfluoro-1-nonanesulfonic acid (PFNS)            | ND     |                  | ng/L  | 0.809                  | 1.81 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 356-02-5             | * 3-Perfluoropropyl propanoic acid (FPrPA)          | ND     |                  | ng/L  | 1.91                   | 4.70 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 914637-49-3          | * 3-Perfluoropentyl propanoic acid (FPePA)          | ND     |                  | ng/L  | 6.90                   | 23.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 812-70-4             | * 3-Perfluoroheptyl propanoic acid (FHpPA)          | ND     |                  | ng/L  | 8.91                   | 23.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 24448-09-7           | * N-MeFOSE                                          | ND     |                  | ng/L  | 3.75                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 31506-32-8           | * N-MeFOSA                                          | ND     |                  | ng/L  | 1.49                   | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 1691-99-2            | * N-EtFOSE                                          | ND     |                  | ng/L  | 3.75                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| 4151-50-2            | * N-EtFOSA                                          | ND     |                  | ng/L  | 1.69                   | 1.88 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 17:45      | AM      |
| Surrogate Recoveries |                                                     | Result | Acceptance Range |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS               | Surrogate: M3PFBS                                   | 125 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA            | Surrogate: M5PFHxA                                  | 119 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA            | Surrogate: M4PFHpA                                  | 122 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS            | Surrogate: M3PFHxS                                  | 135 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA) | 127 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA             | Surrogate: M6PFDA                                   | 126 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA            | Surrogate: M7PFUdA                                  | 105 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-56D

**York Sample ID:** 25D1268-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 11:45 am

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                     | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 960315-52-0  | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 72.5 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                           | 42.4 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 15.0 % | PFSu-L |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 127 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 99.8 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 127 %  |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                       | 109 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                       | 106 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                         | 136 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                         | 114 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                             | 124 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                         | 139 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                         | 101 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                         | 83.8 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                          | 118 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                        | 56.6 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                        | 60.9 % |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-56S

**York Sample ID:** 25D1268-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 12:25 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|-----------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid<br>(PFBS)  | 8.87   |      | ng/L  | 0.451                  | 1.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)          | 19.8   |      | ng/L  | 0.336                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)         | 10.5   |      | ng/L  | 0.681                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid<br>(PFHxS) | 74.3   |      | ng/L  | 0.652                  | 1.75 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |



## Sample Information

**Client Sample ID:** MW-56S

**York Sample ID:** 25D1268-02

**York Project (SDG) No.**

25D1268

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 18, 2025 12:25 pm

**Date Received**

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 85.3   |      | ng/L  | 0.403                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 124    |      | ng/L  | 0.786                  | 1.78 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 60.5   |      | ng/L  | 0.499                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.719                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | 2.94   |      | ng/L  | 1.08                   | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 0.844                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.710                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.662                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.758                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 0.988                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 27.2   |      | ng/L  | 0.221                  | 3.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 0.844                  | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 2.48   |      | ng/L  | 0.873                  | 1.83 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.27                   | 1.85 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 7.19                   | 7.29 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 1.97                   | 7.36 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 10.4   |      | ng/L  | 0.316                  | 7.67 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEISA)   | ND     |      | ng/L  | 0.479                  | 3.41 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |      | ng/L  | 2.05                   | 3.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     |      | ng/L  | 0.240                  | 3.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |      | ng/L  | 0.355                  | 3.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | 10.8   |      | ng/L  | 0.729                  | 1.80 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |



## Sample Information

**Client Sample ID:** MW-56S

**York Sample ID:** 25D1268-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 12:25 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |      | ng/L  | 1.72                   | 7.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND     |      | ng/L  | 3.10                   | 7.67 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND     |      | ng/L  | 1.32                   | 7.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND     |      | ng/L  | 0.671                  | 7.17 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 919005-14-4 | ADONA                                              | ND     |      | ng/L  | 0.508                  | 7.25 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND     |      | ng/L  | 0.892                  | 1.86 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND     |      | ng/L  | 0.825                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND     |      | ng/L  | 1.95                   | 4.79 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND     |      | ng/L  | 7.03                   | 24.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND     |      | ng/L  | 9.08                   | 24.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND     |      | ng/L  | 3.83                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND     |      | ng/L  | 1.52                   | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND     |      | ng/L  | 3.83                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND     |      | ng/L  | 1.73                   | 1.92 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:17      | AM      |

| Surrogate Recoveries |                                                           | Result | Acceptance Range |
|----------------------|-----------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                         | 114 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 116 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                        | 112 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                        | 112 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 114 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 92.6 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUdA                                        | 84.6 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 57.8 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 30.8 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 81.9 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 113 %  | 25-150           |



## Sample Information

**Client Sample ID:** MW-56S

**York Sample ID:** 25D1268-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 12:25 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                               | Result | Flag   | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|---------------------------------------------------------|--------|--------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)   | 112 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA) | 97.8 % |        |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                 | 90.6 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                 | 83.7 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                   | 138 %  |        |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                   | 98.4 % |        |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                       | 104 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                   | 190 %  | PFSu-H |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                   | 55.7 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                   | 35.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                    | 111 %  |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                  | 28.4 % |        |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                  | 41.8 % |        |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-54S

**York Sample ID:** 25D1268-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 12:55 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.   | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5  | Perfluorobutanesulfonic acid (PFBS)  | 1.35   | J    | ng/L  | 0.514                  | 1.94 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 307-24-4  | Perfluorohexanoic acid (PFHxA)       | 7.84   |      | ng/L  | 0.383                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 375-85-9  | Perfluoroheptanoic acid (PFHpA)      | 3.30   |      | ng/L  | 0.777                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 355-46-4  | Perfluorohexanesulfonic acid (PFHxS) | 9.18   |      | ng/L  | 0.744                  | 2.00 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 335-67-1  | Perfluorooctanoic acid (PFOA)        | 1.15   | J    | ng/L  | 0.460                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 1763-23-1 | Perfluorooctanesulfonic acid (PFOS)  | 7.07   |      | ng/L  | 0.897                  | 2.04 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 375-95-1  | Perfluorononanoic acid (PFNA)        | ND     |      | ng/L  | 0.569                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |





## Sample Information

**Client Sample ID:** MW-54S

**York Sample ID:** 25D1268-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 12:55 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND          |      | ng/L  | 0.821                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND          |      | ng/L  | 1.24                   | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND          |      | ng/L  | 0.963                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND          |      | ng/L  | 0.810                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND          |      | ng/L  | 0.755                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND          |      | ng/L  | 0.865                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND          |      | ng/L  | 1.13                   | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>             | <b>15.8</b> |      | ng/L  | 0.252                  | 4.38 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND          |      | ng/L  | 0.963                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND          |      | ng/L  | 0.996                  | 2.09 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND          |      | ng/L  | 1.44                   | 2.11 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |      | ng/L  | 8.21                   | 8.32 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |      | ng/L  | 2.24                   | 8.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 375-22-4    | <b>Perfluoro-n-butanoic acid (PFBA)</b>            | <b>4.00</b> | J    | ng/L  | 0.361                  | 8.75 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)   | ND          |      | ng/L  | 0.547                  | 3.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |      | ng/L  | 2.34                   | 4.38 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          |      | ng/L  | 0.274                  | 4.38 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |      | ng/L  | 0.405                  | 4.38 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>1.51</b> | J    | ng/L  | 0.832                  | 2.06 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |      | ng/L  | 1.96                   | 8.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |      | ng/L  | 3.53                   | 8.75 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |      | ng/L  | 1.51                   | 8.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |      | ng/L  | 0.766                  | 8.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |





## Sample Information

**Client Sample ID:** MW-54S

**York Sample ID:** 25D1268-03

**York Project (SDG) No.**

25D1268

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 18, 2025 12:55 pm

**Date Received**

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.              | Parameter                                                     | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|---------------------------------------------------------------|--------|------------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 919005-14-4          | ADONA                                                         | ND     |                  | ng/L  | 0.580                  | 8.27 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 79780-39-5           | * Perfluorododecanesulfonic acid<br>(PFDoS)                   | ND     |                  | ng/L  | 1.02                   | 2.12 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 68259-12-1           | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)                   | ND     |                  | ng/L  | 0.941                  | 2.10 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 356-02-5             | * 3-Perfluoropropyl propanoic acid<br>(FPPa)                  | ND     |                  | ng/L  | 2.22                   | 5.47 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 914637-49-3          | * 3-Perfluoropentyl propanoic acid<br>(FPePA)                 | ND     |                  | ng/L  | 8.02                   | 27.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 812-70-4             | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)                 | ND     |                  | ng/L  | 10.4                   | 27.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 24448-09-7           | * N-MeFOSE                                                    | ND     |                  | ng/L  | 4.37                   | 21.9 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 31506-32-8           | * N-MeFOSA                                                    | ND     |                  | ng/L  | 1.73                   | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 1691-99-2            | * N-EtFOSE                                                    | ND     |                  | ng/L  | 4.37                   | 21.9 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| 4151-50-2            | * N-EtFOSA                                                    | ND     |                  | ng/L  | 1.97                   | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 18:33      | AM      |
| Surrogate Recoveries |                                                               | Result | Acceptance Range |       |                        |      |          |                                                               |                       |                       |         |
| M3PFBS               | Surrogate: M3PFBS                                             | 117 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFHXA            | Surrogate: M5PFHxA                                            | 108 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFHPA            | Surrogate: M4PFHpA                                            | 113 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C3PFHXS            | Surrogate: M3PFHxS                                            | 123 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 124 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C6PFDA             | Surrogate: M6PFDA                                             | 90.7 % | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C7PFUNA            | Surrogate: M7PFUDa                                            | 91.3 % | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 73.0 % | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                           | 63.4 % | 10-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 73.2 % | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 108 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 110 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| 13C8FOSA             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA)   | 108 %  | 10-150           |       |                        |      |          |                                                               |                       |                       |         |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                       | 99.1 % | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                       | 102 %  | 25-150           |       |                        |      |          |                                                               |                       |                       |         |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                         | 120 %  | 25-200           |       |                        |      |          |                                                               |                       |                       |         |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                         | 100 %  | 25-200           |       |                        |      |          |                                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-54S

**York Sample ID:** 25D1268-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 12:55 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C9PFNA     | Surrogate: M9PFNA      | 120 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS  | 126 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA  | 61.5 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA  | 62.3 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA   | 108 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE | 73.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE | 81.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** MW-54D

**York Sample ID:** 25D1268-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 1:25 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)  | 31.1   |      | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)       | 363    |      | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)      | 162    |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS) | 431    |      | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)        | 80.9   |      | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)  | 278    |      | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)        | 39.7   |      | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)        | ND     |      | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)     | ND     |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)     | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTTrDA)  | ND     |      | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA) | ND     |      | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |



## Sample Information

**Client Sample ID:** MW-54D

**York Sample ID:** 25D1268-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 1:25 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                                 | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------------------|-------------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 2355-31-9   | N-MeFOSAA                                                 | ND          |      | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 2991-50-6   | N-EtFOSAA                                                 | ND          |      | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 2706-90-3   | <b>Perfluoropentanoic acid (PFPeA)</b>                    | <b>703</b>  |      | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)                    | ND          |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)                | ND          |      | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)                  | ND          |      | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 27619-97-2  | <b>1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)</b> | <b>576</b>  |      | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)        | ND          |      | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                          | ND          |      | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)          | ND          |      | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)                  | ND          |      | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND          |      | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND          |      | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>               | <b>47.7</b> |      | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND          |      | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                           | ND          |      | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                              | ND          |      | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                                | ND          |      | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 919005-14-4 | ADONA                                                     | ND          |      | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)                  | ND          |      | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)                  | ND          |      | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)                | ND          |      | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |



## Sample Information

**Client Sample ID:** MW-54D

**York Sample ID:** 25D1268-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 1:25 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.              | Parameter                                                 | Result | Flag             | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                    | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------------|-----------------------------------------------------------|--------|------------------|-------|------------------------|------|----------|-------------------------------------|-----------------------|-----------------------|---------|
| 914637-49-3          | * 3-Perfluoropentyl propanoic acid (FPePA)                | ND     |                  | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 812-70-4             | * 3-Perfluoroheptyl propanoic acid (FHpPA)                | ND     |                  | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 24448-09-7           | * N-MeFOSE                                                | ND     |                  | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 31506-32-8           | * N-MeFOSA                                                | ND     |                  | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 1691-99-2            | * N-EtFOSE                                                | ND     |                  | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| 4151-50-2            | * N-EtFOSA                                                | ND     |                  | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: | 04/23/2025 10:56      | 04/24/2025 19:22      | AM      |
| Surrogate Recoveries |                                                           | Result | Acceptance Range |       |                        |      |          |                                     |                       |                       |         |
| M3PFBS               | Surrogate: M3PFBS                                         | 130 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C5PFHXA            | Surrogate: M5PFHxA                                        | 123 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C4PFHPA            | Surrogate: M4PFHPA                                        | 125 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C3PFHXS            | Surrogate: M3PFHxS                                        | 129 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C8PFOA             | Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 121 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C6PFDA             | Surrogate: M6PFDA                                         | 113 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C7PFUNA            | Surrogate: M7PFUDa                                        | 105 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 960315-52-0          | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 94.9 % |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                       | 86.6 % |                  |       | 10-150                 |      |          |                                     |                       |                       |         |
| 13C4PFBA             | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 9.17 % | PFSu-L           |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C8PFOS             | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 126 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C5PFPEA            | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 98.2 % |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 13C8FOSA             | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 127 %  |                  |       | 10-150                 |      |          |                                     |                       |                       |         |
| D3-NMEFOSAA          | Surrogate: d3-N-MeFOSAA                                   | 118 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| D5-NETFOSAA          | Surrogate: d5-N-EtFOSAA                                   | 129 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| M2-6:2FTS            | Surrogate: M2-6:2 FTS                                     | 134 %  |                  |       | 25-200                 |      |          |                                     |                       |                       |         |
| M2-8:2FTS            | Surrogate: M2-8:2 FTS                                     | 119 %  |                  |       | 25-200                 |      |          |                                     |                       |                       |         |
| 13C9PFNA             | Surrogate: M9PFNA                                         | 120 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| M2-4:2FTS            | Surrogate: M2-4:2 FTS                                     | 132 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 936109-37-4          | Surrogate: d-N-MeFOSA                                     | 90.6 % |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| 936109-40-9          | Surrogate: d-N-EtFOSA                                     | 81.6 % |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| M3HFPO-DA            | Surrogate: M3HFPO-DA                                      | 114 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| D9-NETPFOSAE         | Surrogate: d9-N-EtFOSE                                    | 106 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |
| D7-NMEPFOSAE         | Surrogate: d7-N-MeFOSE                                    | 102 %  |                  |       | 25-150                 |      |          |                                     |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-54D

**York Sample ID:** 25D1268-04

|                                          |                                                              |                               |                                                       |                                    |
|------------------------------------------|--------------------------------------------------------------|-------------------------------|-------------------------------------------------------|------------------------------------|
| <u>York Project (SDG) No.</u><br>25D1268 | <u>Client Project ID</u><br>Westchester County Airport (WCA) | <u>Matrix</u><br>Ground Water | <u>Collection Date/Time</u><br>April 18, 2025 1:25 pm | <u>Date Received</u><br>04/21/2025 |
|------------------------------------------|--------------------------------------------------------------|-------------------------------|-------------------------------------------------------|------------------------------------|

## Sample Information

**Client Sample ID:** MW-55S

**York Sample ID:** 25D1268-05

|                                          |                                                              |                               |                                                       |                                    |
|------------------------------------------|--------------------------------------------------------------|-------------------------------|-------------------------------------------------------|------------------------------------|
| <u>York Project (SDG) No.</u><br>25D1268 | <u>Client Project ID</u><br>Westchester County Airport (WCA) | <u>Matrix</u><br>Ground Water | <u>Collection Date/Time</u><br>April 18, 2025 2:10 pm | <u>Date Received</u><br>04/21/2025 |
|------------------------------------------|--------------------------------------------------------------|-------------------------------|-------------------------------------------------------|------------------------------------|

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.    | Parameter                                  | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5   | Perfluorobutanesulfonic acid (PFBS)        | 31.6   |      | ng/L  | 4.70                   | 17.7 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 307-24-4   | Perfluorohexanoic acid (PFHxA)             | 15.9   | J    | ng/L  | 3.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 375-85-9   | Perfluoroheptanoic acid (PFHpA)            | ND     |      | ng/L  | 7.10                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 355-46-4   | Perfluorohexanesulfonic acid (PFHxS)       | 486    |      | ng/L  | 6.80                   | 18.3 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 335-67-1   | Perfluorooctanoic acid (PFOA)              | 11.5   | J    | ng/L  | 4.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 1763-23-1  | Perfluorooctanesulfonic acid (PFOS)        | 446    |      | ng/L  | 8.20                   | 18.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 375-95-1   | Perfluorononanoic acid (PFNA)              | 6.62   | J    | ng/L  | 5.20                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 335-76-2   | Perfluorodecanoic acid (PFDA)              | ND     |      | ng/L  | 7.50                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 2058-94-8  | Perfluoroundecanoic acid (PFUnA)           | ND     |      | ng/L  | 11.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 307-55-1   | Perfluorododecanoic acid (PFDoA)           | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 72629-94-8 | Perfluorotridecanoic acid (PFTrDA)         | ND     |      | ng/L  | 7.40                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 376-06-7   | * Perfluorotetradecanoic acid (PFTA)       | ND     |      | ng/L  | 6.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 2355-31-9  | N-MeFOSAA                                  | ND     |      | ng/L  | 7.90                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 2991-50-6  | N-EtFOSAA                                  | ND     |      | ng/L  | 10.3                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 2706-90-3  | Perfluoropentanoic acid (PFPeA)            | 6.59   | J    | ng/L  | 2.30                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 754-91-6   | * Perfluoro-1-octanesulfonamide (FOSA)     | ND     |      | ng/L  | 8.80                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 375-92-8   | * Perfluoro-1-heptanesulfonic acid (PFHpS) | ND     |      | ng/L  | 9.10                   | 19.1 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 335-77-3   | * Perfluoro-1-decanesulfonic acid (PFDS)   | ND     |      | ng/L  | 13.2                   | 19.3 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |



## Sample Information

**Client Sample ID:** MW-55S

**York Sample ID:** 25D1268-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 2:10 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result      | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|-------------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND          |          | ng/L  | 75.0                   | 76.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND          |          | ng/L  | 20.5                   | 76.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND          |          | ng/L  | 3.30                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEEISA)   | ND          |          | ng/L  | 5.00                   | 35.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND          |          | ng/L  | 21.4                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND          | PF-LCS-L | ng/L  | 2.50                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND          |          | ng/L  | 3.70                   | 40.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate (PFPeS)</b>        | <b>45.0</b> |          | ng/L  | 7.60                   | 18.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND          |          | ng/L  | 17.9                   | 75.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                    | ND          |          | ng/L  | 32.3                   | 80.0 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                       | ND          |          | ng/L  | 13.8                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                         | ND          |          | ng/L  | 7.00                   | 74.8 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 919005-14-4 | ADONA                                              | ND          |          | ng/L  | 5.30                   | 75.6 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid (PFDoS)           | ND          |          | ng/L  | 9.30                   | 19.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid (PFNS)           | ND          |          | ng/L  | 8.60                   | 19.2 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid (FPrPA)         | ND          | PF-LCS-L | ng/L  | 20.3                   | 50.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid (FPePA)         | ND          |          | ng/L  | 73.3                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid (FHpPA)         | ND          |          | ng/L  | 94.7                   | 250  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 24448-09-7  | * N-MeFOSE                                         | ND          |          | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 31506-32-8  | * N-MeFOSA                                         | ND          |          | ng/L  | 15.8                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 1691-99-2   | * N-EtFOSE                                         | ND          |          | ng/L  | 39.9                   | 200  | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |
| 4151-50-2   | * N-EtFOSA                                         | ND          |          | ng/L  | 18.0                   | 20.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 12:57      | AM      |

Surrogate Recoveries

Result

Acceptance Range







## Sample Information

**Client Sample ID:** MW-55D

**York Sample ID:** 25D1268-06

**York Project (SDG) No.**

25D1268

**Client Project ID**

Westchester County Airport (WCA)

**Matrix**

Ground Water

**Collection Date/Time**

April 18, 2025 2:45 pm

**Date Received**

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5    | Perfluorobutanesulfonic acid (PFBS)                | 18.7   |      | ng/L  | 0.552                  | 2.08 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 307-24-4    | Perfluorohexanoic acid (PFHxA)                     | 36.0   |      | ng/L  | 0.411                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 375-85-9    | Perfluoroheptanoic acid (PFHpA)                    | 5.89   |      | ng/L  | 0.835                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 355-46-4    | Perfluorohexanesulfonic acid (PFHxS)               | 449    |      | ng/L  | 0.799                  | 2.15 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | 13.1   |      | ng/L  | 0.494                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | 465    |      | ng/L  | 0.964                  | 2.19 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | 13.3   |      | ng/L  | 0.611                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |      | ng/L  | 0.882                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |      | ng/L  | 1.33                   | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |      | ng/L  | 1.03                   | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |      | ng/L  | 0.870                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |      | ng/L  | 0.811                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |      | ng/L  | 0.929                  | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |      | ng/L  | 1.21                   | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | 14.0   |      | ng/L  | 0.270                  | 4.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |      | ng/L  | 1.03                   | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | 5.71   |      | ng/L  | 1.07                   | 2.24 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |      | ng/L  | 1.55                   | 2.27 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |      | ng/L  | 8.82                   | 8.93 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |      | ng/L  | 2.41                   | 9.03 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | 6.42   | J    | ng/L  | 0.388                  | 9.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND     |      | ng/L  | 0.588                  | 4.18 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |



## Sample Information

**Client Sample ID:** MW-55D

**York Sample ID:** 25D1268-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 2:45 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                              | Result      | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|--------------------------------------------------------|-------------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 151772-58-6 | Perfluoro-3,6-dioxaheptanoic acid<br>(NFDHA)           | ND          |              | ng/L  | 2.52                   | 4.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid<br>(PFMPA)               | ND          | PF-LCS-<br>L | ng/L  | 0.294                  | 4.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid<br>(PFMBA)                | ND          |              | ng/L  | 0.435                  | 4.70 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 2706-91-4   | <b>Perfluoro-1-pentanesulfonate<br/>(PFPeS)</b>        | <b>39.3</b> |              | ng/L  | 0.893                  | 2.21 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfon<br>ic acid (4:2 FTS) | ND          |              | ng/L  | 2.10                   | 8.82 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 13252-13-6  | HFPO-DA (Gen-X)                                        | ND          |              | ng/L  | 3.80                   | 9.40 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                           | ND          |              | ng/L  | 1.62                   | 8.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                             | ND          |              | ng/L  | 0.823                  | 8.79 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 919005-14-4 | ADONA                                                  | ND          |              | ng/L  | 0.623                  | 8.89 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)            | ND          |              | ng/L  | 1.09                   | 2.28 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)            | ND          |              | ng/L  | 1.01                   | 2.26 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA)          | ND          | PF-LCS-<br>L | ng/L  | 2.39                   | 5.88 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA)          | ND          |              | ng/L  | 8.62                   | 29.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA)          | ND          |              | ng/L  | 11.1                   | 29.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 24448-09-7  | * N-MeFOSE                                             | ND          |              | ng/L  | 4.69                   | 23.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 31506-32-8  | * N-MeFOSA                                             | ND          |              | ng/L  | 1.86                   | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 1691-99-2   | * N-EtFOSE                                             | ND          |              | ng/L  | 4.69                   | 23.5 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |
| 4151-50-2   | * N-EtFOSA                                             | ND          |              | ng/L  | 2.12                   | 2.35 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:13      | AM      |

| Surrogate Recoveries |                                                         | Result | Acceptance Range |
|----------------------|---------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                       | 127 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                      | 133 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHPA                                      | 131 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                      | 122 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA) | 137 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                       | 108 %  | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUDa                                      | 91.3 % | 25-150           |



## Sample Information

**Client Sample ID:** MW-55D

**York Sample ID:** 25D1268-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Ground Water

April 18, 2025 2:45 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|-----------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 960315-52-0  | Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 61.9 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C2PFTEDA   | Surrogate: M2PFTeDA                                       | 42.6 % |      |       | 10-150                 |     |          |                  |                       |                       |         |
| 13C4PFBA     | Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 58.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8PFOS     | Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 143 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C5PFPEA    | Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 125 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 13C8FOSA     | Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 142 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                   | 108 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                   | 105 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                     | 151 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                     | 116 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                         | 130 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                     | 146 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                     | 79.5 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                     | 56.3 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                      | 133 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                    | 51.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                    | 66.7 % |      |       | 25-150                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1268-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Water

April 18, 2025 3:00 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.  | Parameter                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|--------------------------------------|--------|------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 375-73-5 | Perfluorobutanesulfonic acid (PFBS)  | ND     |      | ng/L  | 0.433                  | 1.63 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 307-24-4 | Perfluorohexanoic acid (PFHxA)       | ND     |      | ng/L  | 0.322                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 375-85-9 | Perfluoroheptanoic acid (PFHpA)      | ND     |      | ng/L  | 0.653                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 355-46-4 | Perfluorohexanesulfonic acid (PFHxS) | ND     |      | ng/L  | 0.626                  | 1.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1268-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Water

April 18, 2025 3:00 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                          | Result | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|----------------------------------------------------|--------|----------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 335-67-1    | Perfluorooctanoic acid (PFOA)                      | ND     |          | ng/L  | 0.387                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 1763-23-1   | Perfluorooctanesulfonic acid (PFOS)                | ND     |          | ng/L  | 0.755                  | 1.71 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 375-95-1    | Perfluorononanoic acid (PFNA)                      | ND     |          | ng/L  | 0.479                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 335-76-2    | Perfluorodecanoic acid (PFDA)                      | ND     |          | ng/L  | 0.690                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 2058-94-8   | Perfluoroundecanoic acid (PFUnA)                   | ND     |          | ng/L  | 1.04                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 307-55-1    | Perfluorododecanoic acid (PFDoA)                   | ND     |          | ng/L  | 0.810                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 72629-94-8  | Perfluorotridecanoic acid (PFTrDA)                 | ND     |          | ng/L  | 0.681                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 376-06-7    | * Perfluorotetradecanoic acid (PFTA)               | ND     |          | ng/L  | 0.635                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 2355-31-9   | N-MeFOSAA                                          | ND     |          | ng/L  | 0.727                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 2991-50-6   | N-EtFOSAA                                          | ND     |          | ng/L  | 0.948                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 2706-90-3   | Perfluoropentanoic acid (PFPeA)                    | ND     |          | ng/L  | 0.212                  | 3.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 754-91-6    | * Perfluoro-1-octanesulfonamide (FOSA)             | ND     |          | ng/L  | 0.810                  | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 375-92-8    | * Perfluoro-1-heptanesulfonic acid (PFHpS)         | ND     |          | ng/L  | 0.837                  | 1.76 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 335-77-3    | * Perfluoro-1-decanesulfonic acid (PFDS)           | ND     |          | ng/L  | 1.21                   | 1.78 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 27619-97-2  | 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND     |          | ng/L  | 6.90                   | 6.99 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 39108-34-4  | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND     |          | ng/L  | 1.89                   | 7.07 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 375-22-4    | Perfluoro-n-butanoic acid (PFBA)                   | ND     |          | ng/L  | 0.304                  | 7.36 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 113507-82-7 | Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND     |          | ng/L  | 0.460                  | 3.28 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 151772-58-6 | Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | ND     |          | ng/L  | 1.97                   | 3.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 377-73-1    | Perfluoro-4-oxapentanoic acid (PFMPA)              | ND     | PF-LCS-L | ng/L  | 0.230                  | 3.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 863090-89-5 | Perfluoro-5-oxahexanoic acid (PFMBA)               | ND     |          | ng/L  | 0.341                  | 3.68 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058             | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 2706-91-4   | Perfluoro-1-pentanesulfonate (PFPeS)               | ND     |          | ng/L  | 0.699                  | 1.73 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 757124-72-4 | 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND     |          | ng/L  | 1.65                   | 6.90 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1268-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25D1268

Westchester County Airport (WCA)

Water

April 18, 2025 3:00 pm

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.     | Parameter                                     | Result | Flag         | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                              | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------------------------|--------|--------------|-------|------------------------|------|----------|---------------------------------------------------------------|-----------------------|-----------------------|---------|
| 13252-13-6  | HFPO-DA (Gen-X)                               | ND     |              | ng/L  | 2.97                   | 7.36 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 763051-92-9 | 11CL-PF3OUdS                                  | ND     |              | ng/L  | 1.27                   | 6.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 756426-58-1 | 9CL-PF3ONS                                    | ND     |              | ng/L  | 0.644                  | 6.88 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 919005-14-4 | ADONA                                         | ND     |              | ng/L  | 0.488                  | 6.96 | 1        | EPA 1633 Draft 3<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 79780-39-5  | * Perfluorododecanesulfonic acid<br>(PFDoS)   | ND     |              | ng/L  | 0.856                  | 1.79 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 68259-12-1  | * Perfluoro-1-nonanesulfonic acid<br>(PFNS)   | ND     |              | ng/L  | 0.791                  | 1.77 | 1        | EPA 1633 Draft 3<br>Certifications: NJDEP-NY037               | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 356-02-5    | * 3-Perfluoropropyl propanoic acid<br>(FPrPA) | ND     | PF-LCS-<br>L | ng/L  | 1.87                   | 4.60 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 914637-49-3 | * 3-Perfluoropentyl propanoic acid<br>(FPePA) | ND     |              | ng/L  | 6.75                   | 23.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 812-70-4    | * 3-Perfluoroheptyl propanoic acid<br>(FHpPA) | ND     |              | ng/L  | 8.72                   | 23.0 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 24448-09-7  | * N-MeFOSE                                    | ND     |              | ng/L  | 3.67                   | 18.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 31506-32-8  | * N-MeFOSA                                    | ND     |              | ng/L  | 1.45                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 1691-99-2   | * N-EtFOSE                                    | ND     |              | ng/L  | 3.67                   | 18.4 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |
| 4151-50-2   | * N-EtFOSA                                    | ND     |              | ng/L  | 1.66                   | 1.84 | 1        | EPA 1633 Draft 3<br>Certifications:                           | 04/24/2025 12:15      | 04/25/2025 13:45      | AM      |

| Surrogate Recoveries |                                                               | Result | Acceptance Range |
|----------------------|---------------------------------------------------------------|--------|------------------|
| M3PFBS               | Surrogate: M3PFBS                                             | 108 %  | 25-150           |
| 13C5PFHXA            | Surrogate: M5PFHxA                                            | 106 %  | 25-150           |
| 13C4PFHPA            | Surrogate: M4PFHpA                                            | 110 %  | 25-150           |
| 13C3PFHXS            | Surrogate: M3PFHxS                                            | 109 %  | 25-150           |
| 13C8PFOA             | Surrogate: Perfluoro-n-<br>[13C8]octanoic acid (M8PFOA)       | 113 %  | 25-150           |
| 13C6PFDA             | Surrogate: M6PFDA                                             | 94.0 % | 25-150           |
| 13C7PFUNA            | Surrogate: M7PFUDa                                            | 94.8 % | 25-150           |
| 960315-52-0          | Surrogate: Perfluoro-n-<br>[1,2-13C2]dodecanoic acid (MPFDoA) | 75.4 % | 25-150           |
| 13C2PFTEDA           | Surrogate: M2PFTeDA                                           | 61.3 % | 10-150           |
| 13C4PFBA             | Surrogate: Perfluoro-n-<br>[13C4]butanoic acid (MPFBA)        | 6.10 % | 25-150           |
| 13C8PFOS             | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonic acid (M8PFOS) | 112 %  | 25-150           |
| 13C5PFPEA            | Surrogate: Perfluoro-n-<br>[13C5]pentanoic acid (M5PFPeA)     | 69.4 % | 25-150           |



## Sample Information

**Client Sample ID:** Field Blank

**York Sample ID:** 25D1268-07

York Project (SDG) No.

25D1268

Client Project ID

Westchester County Airport (WCA)

Matrix

Water

Collection Date/Time

April 18, 2025 3:00 pm

Date Received

04/21/2025

### PFAS, EPA 1633 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

| CAS No.      | Parameter                                                   | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------|-------------------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 13C8FOSA     | Surrogate: Perfluoro-1-<br>[13C8]octanesulfonamide (M8FOSA) | 111 %  |      |       | 10-150                 |     |          |                  |                       |                       |         |
| D3-NMEFOSAA  | Surrogate: d3-N-MeFOSAA                                     | 96.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D5-NETFOSAA  | Surrogate: d5-N-EtFOSAA                                     | 103 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-6:2FTS    | Surrogate: M2-6:2 FTS                                       | 114 %  |      |       | 25-200                 |     |          |                  |                       |                       |         |
| M2-8:2FTS    | Surrogate: M2-8:2 FTS                                       | 99.1 % |      |       | 25-200                 |     |          |                  |                       |                       |         |
| 13C9PFNA     | Surrogate: M9PFNA                                           | 113 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M2-4:2FTS    | Surrogate: M2-4:2 FTS                                       | 115 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-37-4  | Surrogate: d-N-MeFOSA                                       | 83.6 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| 936109-40-9  | Surrogate: d-N-EtFOSA                                       | 81.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| M3HFPO-DA    | Surrogate: M3HFPO-DA                                        | 112 %  |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D9-NETPFOSAE | Surrogate: d9-N-EtFOSE                                      | 73.8 % |      |       | 25-150                 |     |          |                  |                       |                       |         |
| D7-NMEPFOSAE | Surrogate: d7-N-MeFOSE                                      | 73.2 % |      |       | 25-150                 |     |          |                  |                       |                       |         |



## Analytical Batch Summary

**Batch ID:** BD51677      **Preparation Method** EPA 1633 Prep      **Prepared By:** JBG

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1268-01     | MW-56D           | 04/23/25         |
| 25D1268-02     | MW-56S           | 04/23/25         |
| 25D1268-02RE1  | MW-56S           | 04/23/25         |
| 25D1268-03     | MW-54S           | 04/23/25         |
| 25D1268-04     | MW-54D           | 04/23/25         |
| BD51677-BLK1   | Blank            | 04/23/25         |
| BD51677-BS1    | LCS              | 04/23/25         |
| BD51677-BS2    | LCS              | 04/23/25         |

**Batch ID:** BD51788      **Preparation Method** EPA 1633 Prep      **Prepared By:** JLH

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 25D1268-05     | MW-55S           | 04/24/25         |
| 25D1268-06     | MW-55D           | 04/24/25         |
| 25D1268-07     | Field Blank      | 04/24/25         |
| BD51788-BLK1   | Blank            | 04/24/25         |
| BD51788-BS1    | LCS              | 04/24/25         |
| BD51788-BS2    | LCS              | 04/24/25         |





## PFAS Target compounds by LC/MS-MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

## Batch BD51677 - EPA 1633 Prep

## Blank (BD51677-BLK1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                    |      |      |      |      |  |     |        |  |  |  |  |
|----------------------------------------------------|------|------|------|------|--|-----|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | ND   | 1.77 | ng/L |      |  |     |        |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | ND   | 1.83 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | ND   | 1.86 | "    |      |  |     |        |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotridecanoic acid (PFTrDA)                 | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSAA                                          | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSAA                                          | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | ND   | 1.91 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | ND   | 1.93 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | ND   | 7.60 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | ND   | 7.68 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)    | ND   | 3.56 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)          | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | ND   | 4.00 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | ND   | 1.88 | "    |      |  |     |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | ND   | 7.50 | "    |      |  |     |        |  |  |  |  |
| HFPO-DA (Gen-X)                                    | ND   | 8.00 | "    |      |  |     |        |  |  |  |  |
| 11CL-PF3OUdS                                       | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| 9CL-PF3ONS                                         | ND   | 7.48 | "    |      |  |     |        |  |  |  |  |
| ADONA                                              | ND   | 7.56 | "    |      |  |     |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)             | ND   | 1.94 | "    |      |  |     |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | ND   | 1.92 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | ND   | 5.00 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)           | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | ND   | 25.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSE                                           | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-MeFOSA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSE                                           | ND   | 20.0 | "    |      |  |     |        |  |  |  |  |
| N-EtFOSA                                           | ND   | 2.00 | "    |      |  |     |        |  |  |  |  |
| Surrogate: M3PFBS                                  | 29.7 |      | "    | 23.3 |  | 128 | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                 | 28.9 |      | "    | 25.0 |  | 116 | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                 | 30.8 |      | "    | 25.0 |  | 123 | 25-150 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

Batch BD51677 - EPA 1633 Prep

Blank (BD51677-BLK1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M3PFHxS                                        | 32.0 |  | ng/L | 23.7 |  | 135  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 30.9 |  | "    | 25.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 14.1 |  | "    | 12.5 |  | 113  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 12.4 |  | "    | 12.5 |  | 99.2 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 10.6 |  | "    | 12.5 |  | 85.0 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.1 |  | "    | 12.5 |  | 81.0 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 15.8 |  | "    | 100  |  | 15.8 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 29.4 |  | "    | 24.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 51.2 |  | "    | 50.0 |  | 102  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 30.6 |  | "    | 25.0 |  | 123  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 55.4 |  | "    | 50.0 |  | 111  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 57.1 |  | "    | 50.0 |  | 114  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 65.0 |  | "    | 47.6 |  | 137  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 59.7 |  | "    | 48.0 |  | 124  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 14.3 |  | "    | 12.5 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 65.3 |  | "    | 46.9 |  | 139  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 18.1 |  | "    | 25.0 |  | 72.5 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 17.0 |  | "    | 25.0 |  | 68.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 107  |  | "    | 100  |  | 107  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 219  |  | "    | 250  |  | 87.7 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 189  |  | "    | 250  |  | 75.6 | 25-150 |  |  |  |  |

LCS (BD51677-BS1)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                    |      |      |      |      |  |      |        |  |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 31.3 | 1.77 | ng/L | 35.4 |  | 88.3 | 50-150 |  |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 33.0 | 2.00 | "    | 40.0 |  | 82.6 | 50-150 |  |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 33.3 | 2.00 | "    | 40.0 |  | 83.3 | 50-150 |  |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 31.6 | 1.83 | "    | 36.6 |  | 86.3 | 50-150 |  |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 33.7 | 2.00 | "    | 40.0 |  | 84.3 | 50-150 |  |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 32.1 | 1.86 | "    | 37.2 |  | 86.3 | 50-150 |  |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 31.0 | 2.00 | "    | 40.0 |  | 77.4 | 50-150 |  |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 37.0 | 2.00 | "    | 40.0 |  | 92.6 | 50-150 |  |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 35.9 | 2.00 | "    | 40.0 |  | 89.8 | 50-150 |  |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 32.1 | 2.00 | "    | 40.0 |  | 80.3 | 50-150 |  |  |  |  |
| Perfluorotridecanoic acid (PFTrDA)                 | 47.3 | 2.00 | "    | 40.0 |  | 118  | 50-150 |  |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 32.1 | 2.00 | "    | 40.0 |  | 80.3 | 50-150 |  |  |  |  |
| N-MeFOSAA                                          | 34.0 | 2.00 | "    | 40.0 |  | 85.0 | 50-150 |  |  |  |  |
| N-EtFOSAA                                          | 36.6 | 2.00 | "    | 40.0 |  | 91.5 | 50-150 |  |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 68.1 | 4.00 | "    | 80.0 |  | 85.2 | 50-150 |  |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 31.1 | 2.00 | "    | 40.0 |  | 77.8 | 50-150 |  |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 36.6 | 1.91 | "    | 38.2 |  | 95.7 | 50-150 |  |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 31.0 | 1.93 | "    | 38.6 |  | 80.2 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 131  | 7.60 | "    | 152  |  | 85.9 | 50-150 |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 130  | 7.68 | "    | 154  |  | 84.4 | 50-150 |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 139  | 8.00 | "    | 160  |  | 87.1 | 50-150 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                                   | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|-----------------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-----------|------|
| Batch BD51677 - EPA 1633 Prep                             |        |                 |       |             |                |                                           |             |          |     |           |      |
| LCS (BD51677-BS1)                                         |        |                 |       |             |                | Prepared: 04/23/2025 Analyzed: 04/24/2025 |             |          |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)            | 60.7   | 3.56            | ng/L  | 71.2        |                | 85.3                                      | 50-150      |          |     |           |      |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)                 | 64.6   | 4.00            | "     | 80.0        |                | 80.7                                      | 50-150      |          |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | 30.3   | 4.00            | "     | 80.0        |                | 37.9                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | 76.2   | 4.00            | "     | 80.0        |                | 95.2                                      | 50-150      |          |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | 31.8   | 1.88            | "     | 37.6        |                | 84.6                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | 123    | 7.50            | "     | 150         |                | 82.1                                      | 50-150      |          |     |           |      |
| HFPO-DA (Gen-X)                                           | 73.8   | 8.00            | "     | 80.0        |                | 92.3                                      | 50-150      |          |     |           |      |
| 11CL-PF3OUdS                                              | 47.4   | 7.56            | "     | 75.6        |                | 62.7                                      | 50-150      |          |     |           |      |
| 9CL-PF3ONS                                                | 60.2   | 7.48            | "     | 74.8        |                | 80.5                                      | 50-150      |          |     |           |      |
| ADONA                                                     | 68.2   | 7.56            | "     | 75.6        |                | 90.3                                      | 50-150      |          |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)                    | 17.5   | 1.94            | "     | 38.8        |                | 45.1                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | 29.2   | 1.92            | "     | 38.4        |                | 76.0                                      | 50-150      |          |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPPrPA)                 | 124    | 5.00            | "     | 160         |                | 77.7                                      | 50-150      |          |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | 717    | 25.0            | "     | 800         |                | 89.6                                      | 50-150      |          |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 722    | 25.0            | "     | 800         |                | 90.2                                      | 50-150      |          |     |           |      |
| N-MeFOSE                                                  | 331    | 20.0            | "     | 400         |                | 82.8                                      | 50-150      |          |     |           |      |
| N-MeFOSA                                                  | 36.7   | 2.00            | "     | 40.0        |                | 91.8                                      | 50-150      |          |     |           |      |
| N-EtFOSE                                                  | 269    | 20.0            | "     | 400         |                | 67.2                                      | 50-150      |          |     |           |      |
| N-EtFOSA                                                  | 34.0   | 2.00            | "     | 40.0        |                | 85.1                                      | 50-150      |          |     |           |      |
| Surrogate: M3PFBS                                         | 26.1   |                 | "     | 23.3        |                | 112                                       | 25-150      |          |     |           |      |
| Surrogate: M5PFHxA                                        | 27.4   |                 | "     | 25.0        |                | 110                                       | 25-150      |          |     |           |      |
| Surrogate: M4PFHpA                                        | 28.1   |                 | "     | 25.0        |                | 112                                       | 25-150      |          |     |           |      |
| Surrogate: M3PFHxS                                        | 27.2   |                 | "     | 23.7        |                | 115                                       | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 29.2   |                 | "     | 25.0        |                | 117                                       | 25-150      |          |     |           |      |
| Surrogate: M6PFDA                                         | 11.7   |                 | "     | 12.5        |                | 93.9                                      | 25-150      |          |     |           |      |
| Surrogate: M7PFUDa                                        | 11.9   |                 | "     | 12.5        |                | 95.1                                      | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 10.5   |                 | "     | 12.5        |                | 83.7                                      | 25-150      |          |     |           |      |
| Surrogate: M2PFTeDA                                       | 6.16   |                 | "     | 12.5        |                | 49.3                                      | 10-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 17.0   |                 | "     | 100         |                | 17.0                                      | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 25.0   |                 | "     | 24.0        |                | 104                                       | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 48.4   |                 | "     | 50.0        |                | 96.9                                      | 25-150      |          |     |           |      |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 27.5   |                 | "     | 25.0        |                | 110                                       | 10-150      |          |     |           |      |
| Surrogate: d3-N-MeFOSAA                                   | 46.7   |                 | "     | 50.0        |                | 93.4                                      | 25-150      |          |     |           |      |
| Surrogate: d5-N-EtFOSAA                                   | 44.2   |                 | "     | 50.0        |                | 88.4                                      | 25-150      |          |     |           |      |
| Surrogate: M2-6:2 FTS                                     | 62.7   |                 | "     | 47.6        |                | 132                                       | 25-200      |          |     |           |      |
| Surrogate: M2-8:2 FTS                                     | 57.6   |                 | "     | 48.0        |                | 120                                       | 25-200      |          |     |           |      |
| Surrogate: M9PFNA                                         | 14.3   |                 | "     | 12.5        |                | 114                                       | 25-150      |          |     |           |      |
| Surrogate: M2-4:2 FTS                                     | 62.4   |                 | "     | 46.9        |                | 133                                       | 25-150      |          |     |           |      |
| Surrogate: d-N-MeFOSA                                     | 14.8   |                 | "     | 25.0        |                | 59.4                                      | 25-150      |          |     |           |      |
| Surrogate: d-N-EtFOSA                                     | 10.5   |                 | "     | 25.0        |                | 42.1                                      | 25-150      |          |     |           |      |
| Surrogate: M3HFPO-DA                                      | 109    |                 | "     | 100         |                | 109                                       | 25-150      |          |     |           |      |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte                                            | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|----------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD51677 - EPA 1633 Prep</b>               |        |                 |       |             |                |                                           |             |          |     |           |      |
| <b>LCS (BD51677-BS1)</b>                           |        |                 |       |             |                | Prepared: 04/23/2025 Analyzed: 04/24/2025 |             |          |     |           |      |
| Surrogate: d9-N-EtFOSE                             | 144    |                 | ng/L  | 250         |                | 57.6                                      | 25-150      |          |     |           |      |
| Surrogate: d7-N-MeFOSE                             | 145    |                 | "     | 250         |                | 58.0                                      | 25-150      |          |     |           |      |
| <b>LCS (BD51677-BS2)</b>                           |        |                 |       |             |                | Prepared: 04/23/2025 Analyzed: 04/24/2025 |             |          |     |           |      |
| Perfluorobutanesulfonic acid (PFBS)                | 3.06   | 1.77            | ng/L  | 3.54        |                | 86.3                                      | 50-150      |          |     |           |      |
| Perfluorohexanoic acid (PFHxA)                     | 3.32   | 2.00            | "     | 4.00        |                | 83.0                                      | 50-150      |          |     |           |      |
| Perfluoroheptanoic acid (PFHpA)                    | 3.48   | 2.00            | "     | 4.00        |                | 87.1                                      | 50-150      |          |     |           |      |
| Perfluorohexanesulfonic acid (PFHxS)               | 2.77   | 1.83            | "     | 3.66        |                | 75.6                                      | 50-150      |          |     |           |      |
| Perfluorooctanoic acid (PFOA)                      | 3.38   | 2.00            | "     | 4.00        |                | 84.6                                      | 50-150      |          |     |           |      |
| Perfluorooctanesulfonic acid (PFOS)                | 2.19   | 1.86            | "     | 3.72        |                | 58.8                                      | 50-150      |          |     |           |      |
| Perfluorononanoic acid (PFNA)                      | 3.85   | 2.00            | "     | 4.00        |                | 96.2                                      | 50-150      |          |     |           |      |
| Perfluorodecanoic acid (PFDA)                      | 3.25   | 2.00            | "     | 4.00        |                | 81.3                                      | 50-150      |          |     |           |      |
| Perfluoroundecanoic acid (PFUnA)                   | 3.96   | 2.00            | "     | 4.00        |                | 99.0                                      | 50-150      |          |     |           |      |
| Perfluorododecanoic acid (PFDoA)                   | 3.20   | 2.00            | "     | 4.00        |                | 80.0                                      | 50-150      |          |     |           |      |
| Perfluorotridecanoic acid (PFTriDA)                | 4.16   | 2.00            | "     | 4.00        |                | 104                                       | 50-150      |          |     |           |      |
| Perfluorotetradecanoic acid (PFTA)                 | 3.53   | 2.00            | "     | 4.00        |                | 88.4                                      | 50-150      |          |     |           |      |
| N-MeFOSAA                                          | 3.15   | 2.00            | "     | 4.00        |                | 78.7                                      | 50-150      |          |     |           |      |
| N-EtFOSAA                                          | 3.01   | 2.00            | "     | 4.00        |                | 75.3                                      | 50-150      |          |     |           |      |
| Perfluoropentanoic acid (PFPeA)                    | 6.93   | 4.00            | "     | 8.00        |                | 86.6                                      | 50-150      |          |     |           |      |
| Perfluoro-1-octanesulfonamide (FOSA)               | 3.25   | 2.00            | "     | 4.00        |                | 81.2                                      | 50-150      |          |     |           |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 3.26   | 1.91            | "     | 3.82        |                | 85.4                                      | 50-150      |          |     |           |      |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 1.89   | 1.93            | "     | 3.86        |                | 48.9                                      | 50-150      | Low Bias |     |           |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 12.3   | 7.60            | "     | 15.2        |                | 80.8                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 12.5   | 7.68            | "     | 15.4        |                | 81.3                                      | 50-150      |          |     |           |      |
| Perfluoro-n-butanoic acid (PFBA)                   | 12.6   | 8.00            | "     | 16.0        |                | 78.8                                      | 50-150      |          |     |           |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 5.38   | 3.56            | "     | 7.12        |                | 75.5                                      | 50-150      |          |     |           |      |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 6.74   | 4.00            | "     | 8.00        |                | 84.2                                      | 50-150      |          |     |           |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 2.35   | 4.00            | "     | 8.00        |                | 29.3                                      | 50-150      | Low Bias |     |           |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 7.36   | 4.00            | "     | 8.00        |                | 92.0                                      | 50-150      |          |     |           |      |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 2.89   | 1.88            | "     | 3.76        |                | 76.8                                      | 50-150      |          |     |           |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 12.5   | 7.50            | "     | 15.0        |                | 83.4                                      | 50-150      |          |     |           |      |
| HFPO-DA (Gen-X)                                    | 5.90   | 8.00            | "     | 8.00        |                | 73.8                                      | 50-150      |          |     |           |      |
| 11CL-PF3OUdS                                       | 5.03   | 7.56            | "     | 7.56        |                | 66.6                                      | 50-150      |          |     |           |      |
| 9CL-PF3ONS                                         | 4.93   | 7.48            | "     | 7.48        |                | 65.9                                      | 50-150      |          |     |           |      |
| ADONA                                              | 6.45   | 7.56            | "     | 7.56        |                | 85.3                                      | 50-150      |          |     |           |      |
| Perfluorododecanesulfonic acid (PFDoS)             | 2.74   | 1.94            | "     | 3.88        |                | 70.6                                      | 50-150      |          |     |           |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 3.01   | 1.92            | "     | 3.84        |                | 78.5                                      | 50-150      |          |     |           |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | 11.2   | 5.00            | "     | 16.0        |                | 70.1                                      | 50-150      |          |     |           |      |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 72.0   | 25.0            | "     | 80.0        |                | 90.0                                      | 50-150      |          |     |           |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | 68.9   | 25.0            | "     | 80.0        |                | 86.2                                      | 50-150      |          |     |           |      |
| N-MeFOSE                                           | 31.0   | 20.0            | "     | 40.0        |                | 77.5                                      | 50-150      |          |     |           |      |
| N-MeFOSA                                           | 2.56   | 2.00            | "     | 4.00        |                | 63.9                                      | 50-150      |          |     |           |      |
| N-EtFOSE                                           | 24.0   | 20.0            | "     | 40.0        |                | 60.1                                      | 50-150      |          |     |           |      |
| N-EtFOSA                                           | 2.34   | 2.00            | "     | 4.00        |                | 58.6                                      | 50-150      |          |     |           |      |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

Batch BD51677 - EPA 1633 Prep

LCS (BD51677-BS2)

Prepared: 04/23/2025 Analyzed: 04/24/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M3PFBS                                         | 24.0 |  | ng/L | 23.3 |  | 103  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 24.5 |  | "    | 25.0 |  | 98.0 | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 26.2 |  | "    | 25.0 |  | 105  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 26.2 |  | "    | 23.7 |  | 111  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 26.0 |  | "    | 25.0 |  | 104  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 12.6 |  | "    | 12.5 |  | 101  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 12.2 |  | "    | 12.5 |  | 97.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.5 |  | "    | 12.5 |  | 92.0 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 8.49 |  | "    | 12.5 |  | 67.9 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 10.4 |  | "    | 100  |  | 10.4 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 27.5 |  | "    | 24.0 |  | 115  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 41.3 |  | "    | 50.0 |  | 82.6 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 27.9 |  | "    | 25.0 |  | 112  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 52.5 |  | "    | 50.0 |  | 105  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 55.0 |  | "    | 50.0 |  | 110  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 54.8 |  | "    | 47.6 |  | 115  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 50.2 |  | "    | 48.0 |  | 105  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 12.4 |  | "    | 12.5 |  | 99.1 | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 54.5 |  | "    | 46.9 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 17.6 |  | "    | 25.0 |  | 70.5 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 14.6 |  | "    | 25.0 |  | 58.6 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 97.4 |  | "    | 100  |  | 97.4 | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 215  |  | "    | 250  |  | 86.0 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 182  |  | "    | 250  |  | 72.7 | 25-150 |  |  |  |  |

Batch BD51788 - EPA 1633 Prep

Blank (BD51788-BLK1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                          |    |      |      |
|------------------------------------------|----|------|------|
| Perfluorobutanesulfonic acid (PFBS)      | ND | 1.77 | ng/L |
| Perfluorohexanoic acid (PFHxA)           | ND | 2.00 | "    |
| Perfluoroheptanoic acid (PFHpA)          | ND | 2.00 | "    |
| Perfluorohexanesulfonic acid (PFHxS)     | ND | 1.83 | "    |
| Perfluorooctanoic acid (PFOA)            | ND | 2.00 | "    |
| Perfluorooctanesulfonic acid (PFOS)      | ND | 1.86 | "    |
| Perfluorononanoic acid (PFNA)            | ND | 2.00 | "    |
| Perfluorodecanoic acid (PFDA)            | ND | 2.00 | "    |
| Perfluoroundecanoic acid (PFUnA)         | ND | 2.00 | "    |
| Perfluorododecanoic acid (PFDoA)         | ND | 2.00 | "    |
| Perfluorotridecanoic acid (PFTriDA)      | ND | 2.00 | "    |
| Perfluorotetradecanoic acid (PFTA)       | ND | 2.00 | "    |
| N-MeFOSAA                                | ND | 2.00 | "    |
| N-EtFOSAA                                | ND | 2.00 | "    |
| Perfluoropentanoic acid (PFPeA)          | ND | 4.00 | "    |
| Perfluoro-1-octanesulfonamide (FOSA)     | ND | 2.00 | "    |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | ND | 1.91 | "    |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-----------|------|

Batch BD51788 - EPA 1633 Prep

Blank (BD51788-BLK1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Perfluoro-1-decanesulfonic acid (PFDS)                    | ND   | 1.93 | ng/L |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)        | ND   | 7.60 | "    |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)        | ND   | 7.68 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                          | ND   | 8.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFESA)            | ND   | 3.56 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)                 | ND   | 4.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)                     | ND   | 4.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)                      | ND   | 4.00 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)                      | ND   | 1.88 | "    |      |  |      |        |  |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)        | ND   | 7.50 | "    |      |  |      |        |  |  |  |  |
| HFPO-DA (Gen-X)                                           | ND   | 8.00 | "    |      |  |      |        |  |  |  |  |
| 11CL-PF3OUdS                                              | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| 9CL-PF3ONS                                                | ND   | 7.48 | "    |      |  |      |        |  |  |  |  |
| ADONA                                                     | ND   | 7.56 | "    |      |  |      |        |  |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)                    | ND   | 1.94 | "    |      |  |      |        |  |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)                    | ND   | 1.92 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPPrPA)                 | ND   | 5.00 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | ND   | 25.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-MeFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSE                                                  | ND   | 20.0 | "    |      |  |      |        |  |  |  |  |
| N-EtFOSA                                                  | ND   | 2.00 | "    |      |  |      |        |  |  |  |  |
| Surrogate: M3PFBS                                         | 29.5 |      | "    | 23.3 |  | 127  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 30.8 |      | "    | 25.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 32.3 |      | "    | 25.0 |  | 129  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 31.0 |      | "    | 23.7 |  | 131  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 32.2 |      | "    | 25.0 |  | 129  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 14.5 |      | "    | 12.5 |  | 116  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 13.2 |      | "    | 12.5 |  | 105  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 11.8 |      | "    | 12.5 |  | 94.8 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.00 |      | "    | 12.5 |  | 72.0 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 5.65 |      | "    | 100  |  | 5.65 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 32.1 |      | "    | 24.0 |  | 134  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C5]pentanoic acid (M5PFPeA)     | 41.3 |      | "    | 50.0 |  | 82.6 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 33.9 |      | "    | 25.0 |  | 136  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 61.7 |      | "    | 50.0 |  | 123  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 64.6 |      | "    | 50.0 |  | 129  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 65.0 |      | "    | 47.6 |  | 137  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 59.1 |      | "    | 48.0 |  | 123  | 25-200 |  |  |  |  |



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | Limit | Flag |
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|
|---------|--------|-----------------|-------|-------------|----------------|------|-------------|------|-----|-------|------|

#### Batch BD51788 - EPA 1633 Prep

##### Blank (BD51788-BLK1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                        |      |  |      |      |  |      |        |  |  |  |  |
|------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: M9PFNA      | 16.2 |  | ng/L | 12.5 |  | 130  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS  | 63.1 |  | "    | 46.9 |  | 135  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA  | 24.4 |  | "    | 25.0 |  | 97.5 | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA  | 20.9 |  | "    | 25.0 |  | 83.4 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA   | 120  |  | "    | 100  |  | 120  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE | 181  |  | "    | 250  |  | 72.4 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE | 203  |  | "    | 250  |  | 81.1 | 25-150 |  |  |  |  |

##### LCS (BD51788-BS1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                                    |      |      |      |      |  |      |        |          |  |  |  |
|----------------------------------------------------|------|------|------|------|--|------|--------|----------|--|--|--|
| Perfluorobutanesulfonic acid (PFBS)                | 33.8 | 1.77 | ng/L | 35.4 |  | 95.5 | 50-150 |          |  |  |  |
| Perfluorohexanoic acid (PFHxA)                     | 36.7 | 2.00 | "    | 40.0 |  | 91.8 | 50-150 |          |  |  |  |
| Perfluoroheptanoic acid (PFHpA)                    | 35.4 | 2.00 | "    | 40.0 |  | 88.5 | 50-150 |          |  |  |  |
| Perfluorohexanesulfonic acid (PFHxS)               | 36.1 | 1.83 | "    | 36.6 |  | 98.7 | 50-150 |          |  |  |  |
| Perfluorooctanoic acid (PFOA)                      | 36.4 | 2.00 | "    | 40.0 |  | 91.0 | 50-150 |          |  |  |  |
| Perfluorooctanesulfonic acid (PFOS)                | 34.4 | 1.86 | "    | 37.2 |  | 92.6 | 50-150 |          |  |  |  |
| Perfluorononanoic acid (PFNA)                      | 37.8 | 2.00 | "    | 40.0 |  | 94.4 | 50-150 |          |  |  |  |
| Perfluorodecanoic acid (PFDA)                      | 38.7 | 2.00 | "    | 40.0 |  | 96.8 | 50-150 |          |  |  |  |
| Perfluoroundecanoic acid (PFUnA)                   | 41.5 | 2.00 | "    | 40.0 |  | 104  | 50-150 |          |  |  |  |
| Perfluorododecanoic acid (PFDoA)                   | 41.3 | 2.00 | "    | 40.0 |  | 103  | 50-150 |          |  |  |  |
| Perfluorotridecanoic acid (PFTTrDA)                | 42.6 | 2.00 | "    | 40.0 |  | 107  | 50-150 |          |  |  |  |
| Perfluorotetradecanoic acid (PFTA)                 | 33.3 | 2.00 | "    | 40.0 |  | 83.1 | 50-150 |          |  |  |  |
| N-MeFOSAA                                          | 37.4 | 2.00 | "    | 40.0 |  | 93.5 | 50-150 |          |  |  |  |
| N-EtFOSAA                                          | 38.0 | 2.00 | "    | 40.0 |  | 95.1 | 50-150 |          |  |  |  |
| Perfluoropentanoic acid (PFPeA)                    | 74.8 | 4.00 | "    | 80.0 |  | 93.6 | 50-150 |          |  |  |  |
| Perfluoro-1-octanesulfonamide (FOSA)               | 35.5 | 2.00 | "    | 40.0 |  | 88.7 | 50-150 |          |  |  |  |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 37.4 | 1.91 | "    | 38.2 |  | 97.9 | 50-150 |          |  |  |  |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 32.1 | 1.93 | "    | 38.6 |  | 83.1 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 145  | 7.60 | "    | 152  |  | 95.6 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 147  | 7.68 | "    | 154  |  | 95.8 | 50-150 |          |  |  |  |
| Perfluoro-n-butanoic acid (PFBA)                   | 127  | 8.00 | "    | 160  |  | 79.1 | 50-150 |          |  |  |  |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 65.5 | 3.56 | "    | 71.2 |  | 92.0 | 50-150 |          |  |  |  |
| Perfluoro-3,6-dioxahexanoic acid (NFDHA)           | 67.4 | 4.00 | "    | 80.0 |  | 84.2 | 50-150 |          |  |  |  |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 13.1 | 4.00 | "    | 80.0 |  | 16.4 | 50-150 | Low Bias |  |  |  |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 108  | 4.00 | "    | 80.0 |  | 135  | 50-150 |          |  |  |  |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 36.2 | 1.88 | "    | 37.6 |  | 96.1 | 50-150 |          |  |  |  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 143  | 7.50 | "    | 150  |  | 95.0 | 50-150 |          |  |  |  |
| HFPO-DA (Gen-X)                                    | 91.8 | 8.00 | "    | 80.0 |  | 115  | 50-150 |          |  |  |  |
| 11CL-PF3OUdS                                       | 65.7 | 7.56 | "    | 75.6 |  | 86.9 | 50-150 |          |  |  |  |
| 9CL-PF3ONS                                         | 75.3 | 7.48 | "    | 74.8 |  | 101  | 50-150 |          |  |  |  |
| ADONA                                              | 80.9 | 7.56 | "    | 75.6 |  | 107  | 50-150 |          |  |  |  |
| Perfluorododecanesulfonic acid (PFDoS)             | 24.2 | 1.94 | "    | 38.8 |  | 62.3 | 50-150 |          |  |  |  |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 33.4 | 1.92 | "    | 38.4 |  | 86.9 | 50-150 |          |  |  |  |
| 3-Perfluoropropyl propanoic acid (FPPa)            | 93.5 | 5.00 | "    | 160  |  | 58.5 | 50-150 |          |  |  |  |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 773  | 25.0 | "    | 800  |  | 96.6 | 50-150 |          |  |  |  |





PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|-------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|-------|------|

Batch BD51788 - EPA 1633 Prep

LCS (BD51788-BS1)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                                           |      |      |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| 3-Perfluoroheptyl propanoic acid (FHpPA)                  | 792  | 25.0 | ng/L | 800  |  | 99.0 | 50-150 |  |  |  |  |
| N-MeFOSE                                                  | 396  | 20.0 | "    | 400  |  | 98.9 | 50-150 |  |  |  |  |
| N-MeFOSA                                                  | 41.2 | 2.00 | "    | 40.0 |  | 103  | 50-150 |  |  |  |  |
| N-EtFOSE                                                  | 415  | 20.0 | "    | 400  |  | 104  | 50-150 |  |  |  |  |
| N-EtFOSA                                                  | 40.2 | 2.00 | "    | 40.0 |  | 101  | 50-150 |  |  |  |  |
| Surrogate: M3PFBS                                         | 30.7 |      | "    | 23.3 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: M5PFHxA                                        | 33.4 |      | "    | 25.0 |  | 134  | 25-150 |  |  |  |  |
| Surrogate: M4PFHpA                                        | 33.1 |      | "    | 25.0 |  | 132  | 25-150 |  |  |  |  |
| Surrogate: M3PFHxS                                        | 31.0 |      | "    | 23.7 |  | 131  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 34.5 |      | "    | 25.0 |  | 138  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 15.7 |      | "    | 12.5 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 13.6 |      | "    | 12.5 |  | 109  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 12.0 |      | "    | 12.5 |  | 96.3 | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 10.2 |      | "    | 12.5 |  | 81.8 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 4.93 |      | "    | 100  |  | 4.93 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 33.9 |      | "    | 24.0 |  | 142  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 39.5 |      | "    | 50.0 |  | 79.0 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 35.2 |      | "    | 25.0 |  | 141  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 61.8 |      | "    | 50.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 61.8 |      | "    | 50.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 72.0 |      | "    | 47.6 |  | 151  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 66.9 |      | "    | 48.0 |  | 139  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 15.8 |      | "    | 12.5 |  | 126  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 68.2 |      | "    | 46.9 |  | 145  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 25.1 |      | "    | 25.0 |  | 100  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 21.5 |      | "    | 25.0 |  | 86.2 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 120  |      | "    | 100  |  | 120  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 193  |      | "    | 250  |  | 77.3 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 220  |      | "    | 250  |  | 87.9 | 25-150 |  |  |  |  |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte                                            | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                                      | %REC Limits | Flag     | RPD | Limit | Flag |
|----------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|----------|-----|-------|------|
| Batch BD51788 - EPA 1633 Prep                      |        |                 |       |             |                |                                           |             |          |     |       |      |
| LCS (BD51788-BS2)                                  |        |                 |       |             |                | Prepared: 04/24/2025 Analyzed: 04/25/2025 |             |          |     |       |      |
| Perfluorobutanesulfonic acid (PFBS)                | 3.28   | 1.77            | ng/L  | 3.54        |                | 92.7                                      | 50-150      |          |     |       |      |
| Perfluorohexanoic acid (PFHxA)                     | 3.43   | 2.00            | "     | 4.00        |                | 85.7                                      | 50-150      |          |     |       |      |
| Perfluoroheptanoic acid (PFHpA)                    | 3.67   | 2.00            | "     | 4.00        |                | 91.8                                      | 50-150      |          |     |       |      |
| Perfluorohexanesulfonic acid (PFHxS)               | 3.06   | 1.83            | "     | 3.66        |                | 83.5                                      | 50-150      |          |     |       |      |
| Perfluorooctanoic acid (PFOA)                      | 3.42   | 2.00            | "     | 4.00        |                | 85.6                                      | 50-150      |          |     |       |      |
| Perfluorooctanesulfonic acid (PFOS)                | 3.04   | 1.86            | "     | 3.72        |                | 81.6                                      | 50-150      |          |     |       |      |
| Perfluorononanoic acid (PFNA)                      | 3.38   | 2.00            | "     | 4.00        |                | 84.6                                      | 50-150      |          |     |       |      |
| Perfluorodecanoic acid (PFDA)                      | 3.52   | 2.00            | "     | 4.00        |                | 88.1                                      | 50-150      |          |     |       |      |
| Perfluoroundecanoic acid (PFUnA)                   | 4.72   | 2.00            | "     | 4.00        |                | 118                                       | 50-150      |          |     |       |      |
| Perfluorododecanoic acid (PFDoA)                   | 3.48   | 2.00            | "     | 4.00        |                | 87.0                                      | 50-150      |          |     |       |      |
| Perfluorotridecanoic acid (PFTrDA)                 | 4.80   | 2.00            | "     | 4.00        |                | 120                                       | 50-150      |          |     |       |      |
| Perfluorotetradecanoic acid (PFTA)                 | 3.49   | 2.00            | "     | 4.00        |                | 87.2                                      | 50-150      |          |     |       |      |
| N-MeFOSAA                                          | 3.60   | 2.00            | "     | 4.00        |                | 90.1                                      | 50-150      |          |     |       |      |
| N-EtFOSAA                                          | 3.28   | 2.00            | "     | 4.00        |                | 82.1                                      | 50-150      |          |     |       |      |
| Perfluoropentanoic acid (PFPeA)                    | 7.40   | 4.00            | "     | 8.00        |                | 92.5                                      | 50-150      |          |     |       |      |
| Perfluoro-1-octanesulfonamide (FOSA)               | 3.01   | 2.00            | "     | 4.00        |                | 75.3                                      | 50-150      |          |     |       |      |
| Perfluoro-1-heptanesulfonic acid (PFHpS)           | 3.61   | 1.91            | "     | 3.82        |                | 94.4                                      | 50-150      |          |     |       |      |
| Perfluoro-1-decanesulfonic acid (PFDS)             | 3.24   | 1.93            | "     | 3.86        |                | 83.9                                      | 50-150      |          |     |       |      |
| 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS) | 12.4   | 7.60            | "     | 15.2        |                | 81.6                                      | 50-150      |          |     |       |      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 12.7   | 7.68            | "     | 15.4        |                | 82.4                                      | 50-150      |          |     |       |      |
| Perfluoro-n-butanoic acid (PFBA)                   | 11.9   | 8.00            | "     | 16.0        |                | 74.3                                      | 50-150      |          |     |       |      |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)     | 5.72   | 3.56            | "     | 7.12        |                | 80.3                                      | 50-150      |          |     |       |      |
| Perfluoro-3,6-dioxaheptanoic acid (NFDHA)          | 5.76   | 4.00            | "     | 8.00        |                | 72.0                                      | 50-150      |          |     |       |      |
| Perfluoro-4-oxapentanoic acid (PFMPA)              | 1.11   | 4.00            | "     | 8.00        |                | 13.8                                      | 50-150      | Low Bias |     |       |      |
| Perfluoro-5-oxahexanoic acid (PFMBA)               | 9.85   | 4.00            | "     | 8.00        |                | 123                                       | 50-150      |          |     |       |      |
| Perfluoro-1-pentanesulfonate (PFPeS)               | 3.32   | 1.88            | "     | 3.76        |                | 88.3                                      | 50-150      |          |     |       |      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS) | 13.9   | 7.50            | "     | 15.0        |                | 92.7                                      | 50-150      |          |     |       |      |
| HFPO-DA (Gen-X)                                    | 5.18   | 8.00            | "     | 8.00        |                | 64.8                                      | 50-150      |          |     |       |      |
| 11CL-PF3OUdS                                       | 5.51   | 7.56            | "     | 7.56        |                | 72.9                                      | 50-150      |          |     |       |      |
| 9CL-PF3ONS                                         | 5.63   | 7.48            | "     | 7.48        |                | 75.2                                      | 50-150      |          |     |       |      |
| ADONA                                              | 6.43   | 7.56            | "     | 7.56        |                | 85.0                                      | 50-150      |          |     |       |      |
| Perfluorododecanesulfonic acid (PFDoS)             | 1.98   | 1.94            | "     | 3.88        |                | 51.1                                      | 50-150      |          |     |       |      |
| Perfluoro-1-nonanesulfonic acid (PFNS)             | 3.46   | 1.92            | "     | 3.84        |                | 90.2                                      | 50-150      |          |     |       |      |
| 3-Perfluoropropyl propanoic acid (FPrPA)           | 6.17   | 5.00            | "     | 16.0        |                | 38.6                                      | 50-150      | Low Bias |     |       |      |
| 3-Perfluoropentyl propanoic acid (FPePA)           | 72.2   | 25.0            | "     | 80.0        |                | 90.3                                      | 50-150      |          |     |       |      |
| 3-Perfluoroheptyl propanoic acid (FHpPA)           | 59.8   | 25.0            | "     | 80.0        |                | 74.8                                      | 50-150      |          |     |       |      |
| N-MeFOSE                                           | 35.5   | 20.0            | "     | 40.0        |                | 88.7                                      | 50-150      |          |     |       |      |
| N-MeFOSA                                           | 3.01   | 2.00            | "     | 4.00        |                | 75.1                                      | 50-150      |          |     |       |      |
| N-EtFOSE                                           | 34.7   | 20.0            | "     | 40.0        |                | 86.7                                      | 50-150      |          |     |       |      |
| N-EtFOSA                                           | 4.38   | 2.00            | "     | 4.00        |                | 110                                       | 50-150      |          |     |       |      |
| Surrogate: M3PFBS                                  | 30.5   |                 | "     | 23.3        |                | 131                                       | 25-150      |          |     |       |      |
| Surrogate: M5PFHxA                                 | 32.1   |                 | "     | 25.0        |                | 128                                       | 25-150      |          |     |       |      |
| Surrogate: M4PFHpA                                 | 33.7   |                 | "     | 25.0        |                | 135                                       | 25-150      |          |     |       |      |
| Surrogate: M3PFHxS                                 | 32.8   |                 | "     | 23.7        |                | 138                                       | 25-150      |          |     |       |      |



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

Batch BD51788 - EPA 1633 Prep

LCS (BD51788-BS2)

Prepared: 04/24/2025 Analyzed: 04/25/2025

|                                                           |      |  |      |      |  |      |        |  |  |  |  |
|-----------------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)       | 33.5 |  | ng/L | 25.0 |  | 134  | 25-150 |  |  |  |  |
| Surrogate: M6PFDA                                         | 15.5 |  | "    | 12.5 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: M7PFUDa                                        | 14.6 |  | "    | 12.5 |  | 117  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA) | 13.6 |  | "    | 12.5 |  | 109  | 25-150 |  |  |  |  |
| Surrogate: M2PFTeDA                                       | 9.78 |  | "    | 12.5 |  | 78.2 | 10-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)        | 4.23 |  | "    | 100  |  | 4.23 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS) | 32.6 |  | "    | 24.0 |  | 136  | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)     | 36.8 |  | "    | 50.0 |  | 73.7 | 25-150 |  |  |  |  |
| Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)   | 34.6 |  | "    | 25.0 |  | 138  | 10-150 |  |  |  |  |
| Surrogate: d3-N-MeFOSAA                                   | 62.0 |  | "    | 50.0 |  | 124  | 25-150 |  |  |  |  |
| Surrogate: d5-N-EtFOSAA                                   | 64.1 |  | "    | 50.0 |  | 128  | 25-150 |  |  |  |  |
| Surrogate: M2-6:2 FTS                                     | 71.8 |  | "    | 47.6 |  | 151  | 25-200 |  |  |  |  |
| Surrogate: M2-8:2 FTS                                     | 64.7 |  | "    | 48.0 |  | 135  | 25-200 |  |  |  |  |
| Surrogate: M9PFNA                                         | 16.4 |  | "    | 12.5 |  | 131  | 25-150 |  |  |  |  |
| Surrogate: M2-4:2 FTS                                     | 65.1 |  | "    | 46.9 |  | 139  | 25-150 |  |  |  |  |
| Surrogate: d-N-MeFOSA                                     | 27.9 |  | "    | 25.0 |  | 112  | 25-150 |  |  |  |  |
| Surrogate: d-N-EtFOSA                                     | 21.5 |  | "    | 25.0 |  | 85.9 | 25-150 |  |  |  |  |
| Surrogate: M3HFPO-DA                                      | 127  |  | "    | 100  |  | 127  | 25-150 |  |  |  |  |
| Surrogate: d9-N-EtFOSE                                    | 190  |  | "    | 250  |  | 76.2 | 25-150 |  |  |  |  |
| Surrogate: d7-N-MeFOSE                                    | 219  |  | "    | 250  |  | 87.5 | 25-150 |  |  |  |  |





## Sample and Data Qualifiers Relating to This Work Order

|          |                                                                                                                                                                         |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PFSu-L   | The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.                                             |
| PFSu-H   | The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.                                             |
| PF-LCS-L | The LCS recovery for this PFAS compound was below control limits.                                                                                                       |
| J        | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration. |

### Definitions and Other Explanations

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *           | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.                                                                                                                                                                                                                                                                                                                              |
| ND          | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)                                                                                                                                                                                                                                                                                                                                                     |
| RL          | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.                                                                                                                                                                                                                                                                                                                                |
| LOQ         | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.                                                                    |
| LOD         | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.                                                                                                                                                                      |
| MDL         | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.                                                                                                               |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.                                                                                                |
| NR          | Not reported                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RPD         | Relative Percent Difference                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Wet         | The data has been reported on an as-received (wet weight) basis                                                                                                                                                                                                                                                                                                                                                                             |
| Low Bias    | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.          |
| High Bias   | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.        |
| Non-Dir.    | Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons. |

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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