# Technical Report

prepared for:

**QuES & T**
1376 Rt. 9
Wappingers Falls NY, 12590
**Attention: Zachary P. Timpano**

Report Date: 11/03/2025
**Client Project ID: 256977 Mamaroceck UFSD-Additional Sampling**
York Project (SDG) No.: 25J1952

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 STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 11/03/2025
Client Project ID: 256977 Mamaroceck UFSD-Additional Sampling
York Project (SDG) No.: 25J1952

**QuES & T**
1376 Rt. 9
Wappingers Falls NY, 12590
Attention: Zachary P. Timpano

## 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 October 31, 2025 and listed below. The project was identified as your project: **256977 Mamaroceck UFSD-Additional Sampling**.

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.

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 25J1952-01 | 6977-PO-73 Shops Ice Machine | Drinking Water | 10/29/2025 | 10/31/2025 |
| 25J1952-02 | 6977-PL-34 Sub Zero Left | Drinking Water | 10/29/2025 | 10/31/2025 |
| 25J1952-03 | 6977-PL-35 Sub Zero Right | Drinking Water | 10/29/2025 | 10/31/2025 |
| 25J1952-04 | 6977-PL-36 Trainer Room Ice Machine | Drinking Water | 10/29/2025 | 10/31/2025 |
| 25J1952-05 | 6977-CH-52 Chatsworth Kitchen Ice Machine | Drinking Water | 10/29/2025 | 10/31/2025 |
| 25J1952-06 | 6977-HO-76R Left Bottle Filler Near C227 | Drinking Water | 10/29/2025 | 10/31/2025 |
| 25J1952-07 | 6977-M-36R Bottle Filler Outsider 314 | Drinking Water | 10/29/2025 | 10/31/2025 |

## General Notes for York Project (SDG) No.: 25J1952

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

Cassie L. Mosher
Laboratory Manager

**Date:** 11/03/2025

## Sample Information

**Client Sample ID:** 6977-PO-73 Shops Ice Machine **York Sample ID:** 25J1952-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 4:20 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 200.8

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | ug/L | 1.00 | 1 | EPA 200.8 | 11/03/2025 09:05 | 11/03/2025 11:34 | cw |
| | | | | | | | Certifications: | CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0 | | |

## Sample Information

**Client Sample ID:** 6977-PL-34 Sub Zero Left **York Sample ID:** 25J1952-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 4:28 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 200.8

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | ug/L | 1.00 | 1 | EPA 200.8 | 11/03/2025 09:05 | 11/03/2025 11:36 | cw |
| | | | | | | | Certifications: | CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0 | | |

## Sample Information

**Client Sample ID:** 6977-PL-35 Sub Zero Right **York Sample ID:** 25J1952-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 4:28 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 200.8

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | ug/L | 1.00 | 1 | EPA 200.8 | 11/03/2025 09:05 | 11/03/2025 11:37 | cw |
| | | | | | | | Certifications: | CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0 | | |

## Sample Information

**Client Sample ID:** 6977-PL-36 Trainer Room Ice Machine **York Sample ID:** 25J1952-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 4:31 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

## Sample Information

**Client Sample ID:** 6977-PL-36 Trainer Room Ice Machine **York Sample ID:** 25J1952-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 4:31 pm | 10/31/2025 |

Sample Prepared by Method: EPA 200.8

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | ug/L | 1.00 | 1 | EPA 200.8 | 11/03/2025 09:05 | 11/03/2025 11:38 | cw |
| | | | | | | | Certifications: | CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0 | | |

## Sample Information

**Client Sample ID:** 6977-CH-52 Chatsworth Kitchen Ice Machine **York Sample ID:** 25J1952-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 4:44 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 200.8

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | ug/L | 1.00 | 1 | EPA 200.8 | 11/03/2025 09:05 | 11/03/2025 11:40 | cw |
| | | | | | | | Certifications: | CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0 | | |

## Sample Information

**Client Sample ID:** 6977-HO-76R Left Bottle Filler Near C227 **York Sample ID:** 25J1952-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 4:52 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 200.8

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | ug/L | 1.00 | 1 | EPA 200.8 | 11/03/2025 09:05 | 11/03/2025 11:41 | cw |
| | | | | | | | Certifications: | CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0 | | |

## Sample Information

**Client Sample ID:** 6977-M-36R Bottle Filler Outsider 314 **York Sample ID:** 25J1952-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 5:08 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 200.8

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

## Sample Information

**Client Sample ID:** 6977-M-36R Bottle Filler Outsider 314 **York Sample ID:** 25J1952-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25J1952 | 256977 Mamaroceck UFSD-Additional Sampling | Drinking Water | October 29, 2025 5:08 pm | 10/31/2025 |

**Lead by EPA 200.8** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 200.8

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | ug/L | 1.00 | 1 | EPA 200.8 | 11/03/2025 09:05 | 11/03/2025 11:42 | cw |
| | | | | | | | Certifications: | CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0 | | |

# Analytical Batch Summary

**Batch ID:** BK50065 **Preparation Method:** EPA 200.8 **Prepared By:** cw

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25J1952-01 | 6977-PO-73 Shops Ice Machine | 11/03/25 |
| 25J1952-02 | 6977-PL-34 Sub Zero Left | 11/03/25 |
| 25J1952-03 | 6977-PL-35 Sub Zero Right | 11/03/25 |
| 25J1952-04 | 6977-PL-36 Trainer Room Ice M | 11/03/25 |
| 25J1952-05 | 6977-CH-52 Chatsworth Kitche | 11/03/25 |
| 25J1952-06 | 6977-HO-76R Left Bottle Filler | 11/03/25 |
| 25J1952-07 | 6977-M-36R Bottle Filler Outsi | 11/03/25 |
| BK50065-BLK1 | Blank | 11/03/25 |
| BK50065-BS1 | LCS | 11/03/25 |
| BK50065-DUP1 | Duplicate | 11/03/25 |
| BK50065-MS1 | Matrix Spike | 11/03/25 |

## Metals by ICP/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BK50065 - EPA 200.8** | | | | | | | | | | | |
| **Blank (BK50065-BLK1)** | | | | | | | | Prepared & Analyzed: 11/03/2025 | | | |
| Lead | ND | 1.00 | ug/L | | | | | | | | |
| **LCS (BK50065-BS1)** | | | | | | | | Prepared & Analyzed: 11/03/2025 | | | |
| Lead | 53.4 | | ug/L | 50.0 | | 107 | 85-115 | | | | |
| **Duplicate (BK50065-DUP1)** | *Source sample: 25J1952-07 (6977-M-36R Bottle Filler Outsider 314) | | | | | | | Prepared & Analyzed: 11/03/2025 | | | |
| Lead | ND | 1.00 | ug/L | | ND | | | | | 20 | |
| **Matrix Spike (BK50065-MS1)** | *Source sample: 25J1952-07 (6977-M-36R Bottle Filler Outsider 314) | | | | | | | Prepared & Analyzed: 11/03/2025 | | | |
| Lead | 52.2 | | ug/L | 50.0 | 0.340 | 104 | 75-125 | | | | |

## Sample and Data Qualifiers Relating to This Work Order

## 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.

# Field Chain-of-Custody Record

**YORK**
ANALYTICAL LABORATORIES INC

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.

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

YORK Project Number: 25J1952



| Report To: | Invoice To: |
|---|---|
| Company: QuES&T | Company: Same |
| Address: 1376 US-9, | Address: |
| Wappingers Falls, NY 12590 | |
| Phone.: 845-298-6031 | Phone.: |
| Contact: Zach Timpano | Contact: |
| E-mail: lab@qualityenv.com | E-mail: ap@qualityenv.com |

**YOUR Project Name / Number:** 256977 Mamaroneck UFSD-Additional Sampling

**PO Number:**

**Samples Collected From:** NY X CT Other: (please specify); NJ PA

**Analyses Requested**

*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.*

Zachary Timpano

**Samples Collected by:** (print AND sign your name)

**Matrix Codes:** S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

**Preservative** (please list number of containers)

| Sample Identification | Date | Time | Matrix | Unpreserved | HCl (hydrochloric acid) | MeOH (methanol) | $HNO_3$ (nitric acid) | $H_2SO_4$ (sulfuric acid) | NaOH (sodium hydroxide) | $Na_2S_2O_3$ (sodium thio.) | Trizma | Ammonium Acetate | Other: | Lead | Grab or Comp. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6977-PO-73 Shops Ice Machine | 10/29/25 | 1620 | DW | | | | X | | | | | | | X | G |
| 6977-PL-34 Sub Zero Left | 10/29/25 | 1628 | DW | | | | X | | | | | | | X | G |
| 6977-PL-35 Sub Zero Right | 10/29/25 | 1628 | DW | | | | X | | | | | | | X | G |
| 6977-PL-36 Trainer Room Ice Machine | 10/29/25 | 1631 | DW | | | | X | | | | | | | X | G |
| 6977-CH-52 Chatsworth Kitchen Ice Machine | 10/29/25 | 1644 | DW | | | | X | | | | | | | X | G |
| 6977-HO-76R-Left Bottle Filler Near C227 | 10/29/25 | 1652 | DW | | | | X | | | | | | | X | G |
| 6977-M-36R Bottle Filler Outside 314 | 10/29/25 | 1708 | DW | | | | X | | | | | | | X | G |

**Turn-Around Time**

- RUSH - Next Day: X
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day)
- PFAS Standard 7-10 Day

**Report Type** (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

**EDD Type** (circle)

- EQuIS (standard)
- 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

Samples iced/chilled at time of lab pickup? circle Yes or No

| Samples Relinquished by / Company | Date/Time | 1. Samples Received by / Company | Date/Time | 2. Samples Relinquished by / Company | Date/Time |
|---|---|---|---|---|---|
| | 10/30/25 1700 | | | | |
| Samples Received by / Company | Date/Time | 3. Samples Relinquished by / Company | Date/Time | 3. Samples Received by / Company | Date/Time |
| | 10/31 15:05 | | | | |
| Samples Relinquished by / Company | Date/Time | 4. Samples Received by / Company | Date/Time | Samples Received in LAB by | Date/Time / Temperature |
| | | | | | 10-31-25 17:20 Degrees C 19.8 |