

**LT2 Second Round Source Water Monitoring Sample Results**

**Westchester Joint Water Works**

**PWS ID NY5903435**

**Name of Public Water Supply**

**Date of Sampling:**

| Event # | Date       | <u>Giardia</u> | <u>Cryptosporidium</u> | <u>E. Coli</u>    | <u>Turbidity</u> | <u>PH</u> | <u>Temperature</u> |
|---------|------------|----------------|------------------------|-------------------|------------------|-----------|--------------------|
|         |            | <u>cysts/L</u> | <u>cysts/L</u>         | <u>Per 100 ml</u> | <u>NTU</u>       |           | <u>Celcius</u>     |
| 1       | 1/3/2024   | 0.00           | 0.000                  | <1                | 0.820            | 6.52      | 8.2                |
| 2       | 2/7/2024   | 0.00           | 0.000                  | 1.0               | 0.820            | 6.54      | 5.5                |
| 3       | 3/6/2024   | 0.00           | 0.000                  | 1.0               | 0.730            | 6.60      | 7.1                |
| 4       | 4/3/2024   | 0.10           | 0.000                  | 1.0               | 0.790            | 6.55      | 9.0                |
| 5       | 5/6/2024** | 0.00           | 0.000                  | <1                | 0.770            | 6.68      | 11.6               |
| 6       | 6/5/2024   | 0.00           | 0.270                  | 1.000             | 0.490            | 6.65      | 15.4               |
| 7       | 7/1/2024   | 0.00           | 0.000                  | 1.000             | 0.780            | 6.71      | 18.8               |
| 8       | 8/7/2024   | 0.00           | 0.000                  | <1                | 0.180            | 6.93      | 19.3               |
| 9       | 9/4/2024   | 0.00           | 0.000                  | <1                | 0.420            | 6.75      | 19.0               |
| 10      | 10/2/2024  | 0.00           | 0.000                  | 3.000             | 0.290            | 6.70      | 18.0               |
| 11      | 11/6/2024  | 0.00           | 0.000                  | <1                | 0.020            | 7.10      | 15.7               |
| 12      | 12/4/2024  | 0.00           | 0.000                  | 1.000             | 0.740            | 7.65      | 10.3               |

Lab performing analysis:

Westchester County Dept of Labs

Analytical Services, Inc

Samples Approved

\*\*5/1/2024 Sample was compromised. Resampled on 5/6/2024

**LT2 Second Round Source Water Monitoring Sample Results**

**Westchester Joint Water Works**

**PWS ID NY5903435**

**Name of Public Water Supply**

**Date of Sampling: 5/7/25**

| Event # | Date         | <u>Giardia</u> | <u>Cryptosporidium</u> | <u>E. Coli</u>    | <u>Turbidity</u> | <u>PH</u> | <u>Temperature</u> |
|---------|--------------|----------------|------------------------|-------------------|------------------|-----------|--------------------|
|         |              | <u>cysts/L</u> | <u>cysts/L</u>         | <u>Per 100 ml</u> | <u>NTU</u>       |           | <u>Celcius</u>     |
| 13      | 1/8/2025     | 0.00           | 0.090                  | 1.000             | 1.04             | 7.38      | 5.2                |
| 14      | 2/5/2025**   | 0.00           | 0.000                  | 2.0               | 0.750            | 7.05      | 4.4                |
| 15      | 3/10/2025*** | 0.00           | 0.000                  | 1.0               | 0.750            | 7.00      | 5.1                |
| 16      | 4/2/2025     | 0.00           | 0.000                  | <1                | 0.700            | 6.89      | 8.4                |
| 17      | 5/7/2025     | 0.00           | 0.000                  | 1.000             | 0.750            | 6.80      | 12.8               |
| 18      | 6/4/2025     |                |                        |                   |                  |           |                    |
| 19      | 7/2/2025     |                |                        |                   |                  |           |                    |
| 20      | 8/6/2025     |                |                        |                   |                  |           |                    |
| 21      | 9/3/2025     |                |                        |                   |                  |           |                    |
| 22      | 10/1/2025    |                |                        |                   |                  |           |                    |
| 23      | 11/5/2025    |                |                        |                   |                  |           |                    |
| 24      | 12/3/2025    |                |                        |                   |                  |           |                    |

Lab performing analysis:

Westchester County Dept of Labs

Analytical Services, Inc

Samples Approved 5/8/25, 5/14/25, 5/16/25

\*\*2/5/2025 Sample was compromised. Resampled on 2/10/2025

\*\*\*Sampled on 3/6/2025 not 3/5/2025 as scheduled due to WJWW operator error.

\*\*\*3/6/2025 Sample was compromised. Resampled on 3/10/2025

## USEPA Method 1623.1 Analytical Report

Westchester Joint Water Works  
Dan Pirrone  
1625 Mamaroneck Ave.  
Mamaroneck, NY 10543

Analysis Start: 05/09/2025 11:07  
Analysis End: 05/14/2025 15:44  
Analyst: Kyle Masters

**ASI Sample ID No.: 74220-01**

Method 1623.1 Batch No.: 2649 1623.1  
Cryptosporidium QC ID No.: 6058  
Giardia QC ID No.: 6059

### Sample Information

|                                    |                                         |
|------------------------------------|-----------------------------------------|
| PWS or Client Name:                | WESTCHESTER JOINT WATER WORKS           |
| PWS ID:                            | NY5903435                               |
| Project or Facility Name:          | WESTCHESTER JOINT-RYE LAKE PUMP STATION |
| Facility ID:                       | TP1                                     |
| Sample ID / Collection Point Name: | Rye Lake                                |
| Sample Collection Point ID:        | Sample pt. 1                            |
| Matrix:                            | Water-Raw Surface                       |
| Method:                            | EPA 1623.1                              |
| Analysis Type:                     | Field                                   |
| Date / Time Collected:             | 05/07/2025 8:50                         |
| Turbidity (NTU):                   | 0.8                                     |

### Volume and Filtration Information

|                                                   |                |
|---------------------------------------------------|----------------|
| Filter Type:                                      | Envirochek IIV |
| No of Filters Used:                               | 1              |
| Volume Filtered (L):                              | 11.28          |
| Packed Pellet Volume (mL):                        | 0.50           |
| Total Resuspended Concentrate Volume (mL):        | 5.0            |
| Total Resuspended Concentrate Volume to IMS (mL): | 5.0            |
| Number of Sub-samples:                            | 1              |
| Total Sample Volume Examined (L):                 | 11.28          |

### Analytical Results

### Matrix Spike Results

| Analyte                | Total<br>(Oo) cysts/L | Recovered<br>(Oo) cysts/L | Spike Dose<br>(Oo) cysts/L | Percent Recovery |
|------------------------|-----------------------|---------------------------|----------------------------|------------------|
| <i>Giardia</i>         | 0.00                  | N/A                       | N/A                        | N/A              |
| <i>Cryptosporidium</i> | 0.00                  | N/A                       | N/A                        | N/A              |

Method: Samples processed, stained and examined using USEPA Method 1623.1: Cryptosporidium and Giardia in Water by Filtration/IMS/FA (USEPA Jan. 2012: EPA 816-R-12-001) (ASI SOP 224-9).

Sample No. **BB08076**

## REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : RYE LAKE  
900 LAKE ST  
WEST HARRISON, NY

Received By : GT  
Bottle No : 126-7329

Collection Point : RAW

ID of Source : NYC

Agency : Westchester Joint Water Works  
1625 Mamaroneck Avenue  
Mamaroneck, NY 10543  
Attn: Frank Arcara

Collected By : MATT S.  
Collection Date : 05/07/2025 AT 08:50:00  
Submitted On : 05/07/2025 AT 10:56:00  
PWS No. : 5903435

Type Descriptor : 002      Source ID : 000  
pH : 6.80

Free Cl2 : 0      Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT\_SRC

Comment : TEMP 12.8 C

add'l Report To :

| Test Description                  | Units     | Results                | Qualifier | Method      |
|-----------------------------------|-----------|------------------------|-----------|-------------|
| Date/Time Set                     |           | 05/07/2025 AT 11:06:00 |           |             |
| E.Coli Enumeration by Colilert-18 | per 100ml | 1                      |           | Colilert-18 |

E = Estimated Count

Approved By **Donald Miller**

QA Officer

Date Approved : 05/08/2025

Environmental Laboratories  
NYS ELAP # 10108  
(914) 231-1620

Report Number: 6041

EMAIL 5/8/2025

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Page 1 of 1

**REPORT OF ANALYSIS**

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

**Sample Location :** RYE LAKE  
900 LAKE ST  
WEST HARRISON, NY

**Received By :** GT  
**Bottle No :** B4859

**Collection Point :** RAW

**ID of Source :** NYC

**Agency :** Westchester Joint Water Works  
1625 Mamaroneck Avenue  
Mamaroneck, NY 10543  
Attn: Frank Arcara

**Collected By :** MATT S.  
**Collection Date :** 05/07/2025 AT 08:50:00  
**Submitted On :** 05/07/2025 AT 10:56:00  
**PWS No. :** 5903435  
**Type Descriptor :** 002 **Source ID :** 000  
pH : 6.80  
**Free Cl2 :** 0 **Residual Cl2 :**  
**Sample chilled on arrival ? :** YES  
**Sample Type :** POT\_SRC  
**Comment :** TEMP 12.8 C

**add'l Report To :**

| Method            | Test Description | Results | Qualifier | Units | DL/LOQ | Analyzed on      | Validator |
|-------------------|------------------|---------|-----------|-------|--------|------------------|-----------|
| <b>Inorganics</b> |                  |         |           |       |        |                  |           |
| EPA 180.1         | Turbidity        | 0.75    |           | NTU   | 0.05   | 05/07/2025 14:30 | JLM       |

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

**Approved By** Robert Hilbrandt Jr.

Chief of Env. Lab Services

**Date Approved :** 05/16/2025

Environmental Laboratories  
NYS ELAP # 10108  
(914) 231-1620

Report Number: 6090

EMAIL 5/16/2025

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Page 1 of 1