

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

**Westchester Joint Water Works**

**PWS ID NY5903435**

**Name of Public Water Supply**

**Date of Sampling: 9/3/2025**

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****	0.00	0.000	2.000	0.750	6.80	15.2
19	7/2/2025*****	0.00	0.000	<1	0.700	6.70	12.5
20	8/6/2025	0.00	0.000	<1	2.800	6.60	18.4
21	9/3/2025	0.00	0.000	<1	0.611	6.83	20.0
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 9/4/25, 9/5/25, 9/8/25

\*\*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

\*\*\*\* 6/4/2025 Sample was compromised. Lab closed on 6/6/2025. Resampled on 6/9/2025

\*\*\*\*\*7/2/2025 sample taken on 7/1/2025 because of Lab closure due to 4th of July Holiday

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**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	6.80	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

## USEPA Method 1623.1 Analytical Report

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

Analysis Start: 09/05/2025 8:18  
Analysis End: 09/08/2025 12:33  
Analyst: Kyle Masters

**ASI Sample ID No.: 74777-01**

Method 1623.1 Batch No.: 2671 1623.1  
Cryptosporidium QC ID No.: 6102  
Giardia QC ID No.: 6103

### 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:	09/03/2025 9:35
Turbidity (NTU):	0.8

### Volume and Filtration Information

Filter Type:	Envirochek HV
No of Filters Used:	1
Volume Filtered (L):	10.82
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):	10.82

### Analytical Results

### Matrix Spike Results

Analyte	Total (Oo) cysts/L	Recovered (Oo) cysts/L	Spike Dose (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. **BB16050**

## REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

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

**Received By :** MCM JLM  
**Bottle No :** 76 - 7782

**Collection Point :** RAW

**ID of Source :** N.Y.C.

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

**Collected By :** GIRILLO  
**Collection Date :** 09/03/2025 AT 09:30:00  
**Submitted On :** 09/03/2025 AT 10:30:00  
**PWS No. :** 5903435

**Type Descriptor :** 002 **Source ID :** 000  
**pH :** 6.83

**Free Cl2 :** 0.00 **Residual Cl2 :**

**Sample chilled on arrival ? :** YES

**Sample Type :** POT\_SRC

**Comment :** TEMP: 20.0  
TURB: 75

**addt'l Report To :**

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/03/2025 AT 14:04:00		
E.Coli Enumeration by Colilert-18	per 100ml	<1		Colilert-18

E = Estimated Count

**Approved By** Donald Miller

**QA Officer**

**Date Approved :** 09/04/2025

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

**Report Number:** 6451

**EMAIL** 9/4/2025

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Sample No. **BB16051**

## REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

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

**Received By :** MCM JLM  
**Bottle No :** B4900

**Collection Point :** RAW

**ID of Source :** N.Y.C.

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

**Collected By :** GIRILLO  
**Collection Date :** 09/03/2025 AT 9:30:00AM  
**Submitted On :** 09/03/2025 AT 10:30:00AM  
**PWS No. :** 5903435

**Type Descriptor :** 002 **Source ID :** 000  
pH : 6.83

**Free Cl2 :** 0.00 **Residual Cl2 :**

**Sample chilled on arrival ? :** YES

**Sample Type :** POT\_SRC

**Comment :** TEMP: 20.0  
TURB: 75

**addt'l Report To :**

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
<b><u>Inorganics</u></b>							
EPA 180.1	Turbidity	0.611		NTU	0.10	09/04/2025 14:39	JLM

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

**Approved By** Michele Matos

**QA Officer**

**Date Approved :** 09/05/2025

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

**Report Number:** 6458

**EMAIL** 9/5/2025

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