

LT2 Second Round Source Water Monitoring Sample Results

Westchester Joint Water Works

PWS ID NY5903435

Name of Public Water Supply

Date of Sampling: 8/6/25

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****	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						
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 8/7/25, 8/12/25, 8/17/25

**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 comprimised. Lab closed on 6/6/2025. Resampled on 6/9/2026

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

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Date of Sampling:

Event #	Date	<u>Giardia</u>	<u>Cryptosporidium</u>	<u>E. Coll</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: 08/08/2025 8:56
Analysis End: 08/12/2025 13:18
Analyst: Kyle Masters

ASI Sample ID No.: 74636-01

Method 1623.1 Batch No.: 2665 1623.1
Cryptosporidium QC ID No.: 6090
Giardia QC ID No.: 6091

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:	08/06/2025 6:30
Turbidity (NTU):	0.7

Volume and Filtration Information

Filter Type:	Envirochek HV
No of Filters Used:	1
Volume Filtered (L):	10.87
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):	10.87

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. **BB14214**

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 : JR GT
Bottle No : 103-7612

Collection Point : RAW

ID of Source : NYC

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

Collected By : GRILLO
Collection Date : 08/06/2025 AT 06:45:00
Submitted On : 08/06/2025 AT 09:11:00
PWS No. : 5903435

Type Descriptor : 002 Source ID : 000
pH : 6.6
Free Cl2 : 0.0 Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :TEMP: 18.4
TURB: .70

addt'l Report To :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		08/06/2025 AT 10:33:00		
E.Coli Enumeration by Colilert-18	per 100ml	<1		Colilert-18

E = Estimated Count

Approved By **Donald Miller**

QA Officer

Date Approved : 08/07/2025

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

Report Number: 6356

EMAIL 8/7/2025

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Sample No. **BB14215**

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 : JR GT
Bottle No : B4947

Collection Point : RAW

ID of Source : NYC

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

Collected By : GRILLO
Collection Date : 08/06/2025 AT 06:45:00
Submitted On : 08/06/2025 AT 09:11:00
PWS No. : 5903435

Type Descriptor : 002 Source ID : 000
pH : 6.6

Free Cl2 : 0.0 Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :TEMP: 18.4

TURB: .70

addtl Report To :

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
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Inorganics

EPA 180.1	Turbidity	2.8		NTU	0.10	08/07/2025 10:56	JLM
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Note: Turbidity analysis was performed by NYSDOH ELAP Lab #10142 using Standard Method 2130B (SM21-23). A Quality Assurance review of the subcontracted results confirmed that all Quality Control acceptance criteria were met in accordance with the method and TNI requirements.

— 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 : 08/17/2025

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

Report Number: 6392

EMAIL 8/17/2025

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