

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	6.80	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

LT2 Second Round Source Water Monitoring Sample Results

Westchester Joint Water Works

PWS ID NY5903435

Name of Public Water Supply

Date of Sampling: 7/1/25

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						
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 7/2/25, 7/8/25, 6/22/25

**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

**USEPA Method 1623.1 Analytical Report**Westchester Joint Water Works
Dan Pirrone
1625 Mamaroneck Ave.
Mamaroneck, NY 10543

Analysis Start: 07/02/2025 10:50

Analysis End: 07/08/2025 8:57

Analyst: Kyle Masters

ASI Sample ID No.: 74461-01

Method 1623.1 Batch No.: 2657 1623.1

Cryptosporidium QC ID No.: 6074

Giardia QC ID No.: 6075

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:	TPI
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:	07/01/2025 8:45
Turbidity (NTU):	0.9

Volume and Filtration Information

Filter Type:	Envirochek HV
No of Filters Used:	1
Volume Filtered (L):	10.59
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):	10.59

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).



USEPA Method 1623.1 Analytical Report

Westchester Joint Water Works
Dan Pirrone
1625 Mamaroneck Ave.
Mamaroneck, NY 10543Analysis Start: 07/02/2025 10:50
Analysis End: 07/08/2025 9:08
Analyst: Kyle Masters

ASI Sample ID No.: 74461-02

Method 1623.1 Batch No.: 2657 1623.1
Cryptosporidium QC ID No.: 6074
Giardia QC ID No.: 6075

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:	MS
Date / Time Collected:	07/01/2025 8:45
Turbidity (NTU):	0.9

Volume and Filtration Information

Filter Type:	Envirochek HV
No of Filters Used:	1
Volume Filtered (L):	10.71
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):	10.71

Analytical Results

Matrix Spike Results

Analyte	Total (Oo) cysts/L	Recovered (Oo) cysts/L	Spike Dose (Oo) cysts/L	Percent Recovery
<i>Giardia</i>	7.10	7.10	9.24	76.8
<i>Cryptosporidium</i>	5.88	5.88	9.34	63.0

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).

Recovered (Oo)cysts/L (applies to Matrix Spikes only) = Total (Oo)cysts/L in Matrix Spike - Total (Oo)cysts/L in Field Sample.

Sample No. **BB11495**

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 : GT JR
Bottle No : 29-9766

Collection Point : RAW

ID of Source : NYC

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

Collected By : GIRILLO
Collection Date : 07/01/2025 AT 08:45:00
Submitted On : 07/01/2025 AT 09:36:00
PWS No. : 5903435

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

pH : 6.70

Free Cl2 : 0.00

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment : TEMP 12.5 C
TURB .93

addt'l Report To :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		07/01/2025 AT 11:39:00		
E.Coli Enumeration by Colilert-18	per 100ml	<1		Colilert-18

E = Estimated Count

Approved By Donald Miller

QA Officer

Date Approved : 07/02/2025

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

Report Number: 6228

EMAIL 7/2/2025

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Sample No. **BB11496**

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 : GT JR
Bottle No : B5007

Collection Point : RAW

ID of Source : NYC

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

Collected By : GIRILLO
Collection Date : 07/01/2025 AT 8:45:00AM
Submitted On : 07/01/2025 AT 9:36:00AM
PWS No. : 5903435
Type Descriptor : 002 Source ID : 000
pH : 6.70
Free Cl2 : 0.00 Residual Cl2 :
Sample chilled on arrival ? : YES
Sample Type : POT_SRC
Comment :TEMP 12.5 C
TURB .93

addtl Report To :

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

EPA 180.1	Turbidity	0.70	H	NTU	0.10	07/03/2025 8:45	RH
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Note: The Turbidity analysis performed by NYSDOH ELAP #10142 using SM21-23 2130B.

H Flag: Method and regulated analysis holding time of 48 hours was exceeded. The Laboratory provides this test result only as a guide.
This result cannot be used for regulatory reporting purposes. RWHJr

DL = Detection Limit

LOQ = Limit of Quantitation

E=value is an estimate

H = exceeds holding time

Approved By **Michele Matos**

QA Officer

Date Approved : 08/06/2025

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

Report Number: 6350

EMAIL 8/6/2025

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