

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 6/6/2024

LT2 Second Round Source Water Monitoring Sample Results

Westchester Joint Water Works

PWS ID NY5903435

Name of Public Water Supply

Date of Sampling: 3/10/25

Event #	Date	<u>Giardia</u>	<u>Cryptosporidium</u>	<u>E. Coll</u>	<u>Turbidity</u>	<u>PH</u>	<u>Temperature</u>
		<u>cvsts/L</u>	<u>cvsts/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						
17	5/7/2025						
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 3/11/25, 3/12/25, 3/14/25
 **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: 03/12/2025 8:37
 Analysis End: 03/12/2025 13:47
 Analyst: Kyle Masters

ASI Sample ID No.: 73925-01

 Method 1623.1 Batch No.: 2637
 Cryptosporidium QC ID No.: 6034
 Giardia QC ID No.: 6035

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:	03/10/2025 11:50
Turbidity (NTU):	0.9

Volume and Filtration Information	
Filter Type:	Envirochek 11V
No of Filters Used:	1
Volume Filtered (L):	11.15
Packed Pellet Volume (mL):	0.40
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):	11.15

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).

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 : JR GT
 Bottle No : 23-47

Collection Point : RAW

ID of Source : NYC

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

Collected By : MATTHEW SMITH
 Collection Date : 03/10/2025 AT 11:50:00
 Submitted On : 03/10/2025 AT 12:37:00
 PWS No. : 5903435

Type Descriptor : 002 Source ID : 000
 pH : 7.0
 Free Cl2 : 0.00 Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment : TEMP 5.1 C
 TURB 0.88

addt'l Report To :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		03/10/2025 AT 13:43:00		
E.Coli Enumeration by Colilert-18	per 100ml	1		Colilert-18

E = Estimated Count

Approved By *Donald Miller*

QA Officer

Date Approved : 03/11/2025

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

Report Number: 5843

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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 : JR GT
Bottle No : B4742

Collection Point : RAW

Collected By : MATTHEW SMITH
Collection Date : 03/10/2025 AT 11:50:00
Submitted On : 03/10/2025 AT 12:37:00

ID of Source : NYC

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

PWS No. : 5903435
Type Descriptor : 002 Source ID : 000
pH : 7.0
Free Cl2 : 0.00 Residual Cl2 :

Sample chilled on arrival ? : YES
Sample Type : POT_DW

add'l Report To :

Comment :TEMP 5.1 C
TURB 0.88

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
<u>Inorganics</u>							
EPA 180.1	Turbidity	0.75		NTU	0.05	03/11/2025 15:50	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 : 03/14/2025

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

Report Number: 5852

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