

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

**Westchester Joint Water Works**

**PWS ID NY5903435**

Name of Public Water Supply

Date of Sampling: 11/6/24

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						

Lab performing analysis:  
 Westchester County Dept of Labs  
 Analytical Services, Inc  
 Samples Approved 11/7/24, 11/11/24, 11/12/24  
 \*\*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: 11/08/2024 8:23  
 Analysis End: 11/11/2024 15:23  
 Analyst: Kyle Masters

ASI Sample ID No.: 73403-01

Method 1623.1 Batch No.: 2615  
 Cryptosporidium QC ID No.: 5990  
 Giardia QC ID No.: 5991

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:	11/06/2024 9:00
Turbidity (NTU):	0.8

Volume and Filtration Information	
Filter Type:	Envirochek HV
No of Filters Used:	1
Volume Filtered (L):	10.72
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):	10.72

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).

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Sample No. **BA20785**

*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 : LG JLM  
Bottle No : 64 - 0095

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 : 11/06/2024 AT 09:00:00  
Submitted On : 11/06/2024 AT 11:28:00

PWS No. : 5903435  
Type Descriptor : 002 Source ID : 000  
pH : 7.10  
Free Cl2 : 0.00 Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT\_DW

Comment : TEMP 15.7 C  
TURB .75

addt'l Report To :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		11/06/2024 AT 11:41:00		
E.Coli Enumeration by Colilert-18	per 100ml	<1		Colilert-18

E = Estimated Count

Approved By *Donald Miller*

QA Officer

Date Approved : 11/07/2024

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

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*These analytical results relate only to the sample identified in this report.*

Sample No. **BA20818**

*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 : LG JLM  
Bottle No : B4778

Collection Point : RAW

Collected By : GIRILLO  
Collection Date : 11/06/2024 AT 9:00:00AM  
Submitted On : 11/06/2024 AT 11:28:00AM

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 : 7.10  
Free Cl2 : 0.00 Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT\_SRC

Comment : TEMP 15.7 C  
TURB .75

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
<b><u>Inorganics</u></b>							
EPA 180.1	Turbidity	0.02		NTU	0.02	11/07/2024 14:34	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 : 11/12/2024

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NYS ELAP # 10108  
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