

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

**Westchester Joint Water Works**

**PWS ID NY5903435**

Name of Public Water Supply

Date of Sampling: 10/2/24

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						
12	12/4/2024						

Lab performing analysis:  
 Westchester County Dept of Labs  
 Analytical Services, Inc  
 Samples Approved 10/3/24, 10/4/24, 10/7/24  
 \*\*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: 10/04/2024 8:30  
 Analysis End: 10/07/2024 9:23  
 Analyst: Kyle Masters

**ASI Sample ID No.: 73231-01**

 Method 1623.1 Batch No.: 1623.1  
 Cryptosporidium QC ID No.: 5972  
 Giardia QC ID No.: 5973

**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:	10/02/2024 7:30
Turbidity (NTU):	0.6

**Volume and Filtration Information**

Filter Type:	Envirochek HV
No of Filters Used:	1
Volume Filtered (L):	10.79
Packed Pellet Volume (mL):	0.20
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):	10.79

**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 STATION  
900 LAKE ST  
HARRISON, NY

Received By : LG  
Bottle No : 76-9199

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 : 10/02/2024 AT 07:30:00  
Submitted On : 10/02/2024 AT 10:42:00

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 18.0 C

addt'l Report To :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		10/02/2024 AT 10:58:00		
E.Coli Enumeration by Colilert-18	per 100ml	3		Colilert-18

E = Estimated Count

Approved By *Donald Miller*

QA Officer

Date Approved : 10/03/2024

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

Report Number: 5397

EMAIL 10/3/2024

Page 1 of 1

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

Sample No. **BA18525**

*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  
Bottle No : B4810

Collection Point : RAW

Collected By : GIRILLO  
Collection Date : 10/02/2024 AT 7:30:00AM  
Submitted On : 10/02/2024 AT 10:42:00AM

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 : 6.70  
Free Cl2 : 0.00 Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT\_SRC

Comment :TEMP 18.0 C

Method	Test Description	Results	Qualifier	Units	DL/LOQ	Analyzed on	Validator
<b><u>Inorganics</u></b>							
EPA 180.1	Turbidity	0.29		NTU	0.02	10/02/2024 2:59 pm	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 : 10/04/2024

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

Report Number: 5406

EMAIL 10/4/2024

Page 1 of 1

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