

10/26/2015

Westchester County Dept. of Env Facilities
Mike Farraro
35 Woods Road
Vahalla, NY 10595
maf6@westchestergov.com

Subject: LT2 R2 Event 29/ASI #51984

Dear: Mike Farraro

Enclosed please find the test result(s) for sample(s) received at Analytical Services, Inc. (ASI) on 10/22/2015.

This report consists of five (5) pages, including this cover page. The results reported herein relate only to the sample(s) included in this report. These results were generated under ASI's laboratory quality system, which is in accordance with the NELAC (TNI) standard. Deviations, if any, are noted. This report shall not be reproduced except in full without the written approval of the laboratory.

Thank you for using ASI for your testing needs. For additional information regarding this report, please contact ASI Client Services at 800-723-4432.

Sincerely,
ANALYTICAL SERVICES, INC.

Carolyn M. Fogg

for Carolyn M. Fogg
Technical Director



PK

USEPA Method 1623.1 Analytical Report

 Westchester County Dept. of Env Facilities
 Mike Farraro
 35 Woods Road
 Vahalla, NY 10595
 maf6@westchestergov.com

 Analysis Start: 10/22/2015 11:34
 Analysis End: 10/23/2015 14:50
 Analyst: Shan Reynolds

ASI Sample ID No.: 51984-01

 Method 1623.1 Batch No.: 1217 1623.1
 Cryptosporidium QC ID No.: 3168
 Giardia QC ID No.: 3169

Sample Information

PWS or Client Name:	Westchester County Water District #1
PWS ID:	5903488
Facility Name:	Kenisco Dam Master Chlorination Facility
Facility ID:	No Data
Sample Collection Point Name:	Raw Water Sample Tap
Sample Collection Point ID:	Raw Water
Matrix:	Water-Raw Surface
Method:	EPA 1623.1
Analysis Type:	Field
Date / Time Collected:	10/20/2015 8:00
Turbidity (NTU):	0.4

Volume and Filtration Information

Filter Type:	Gelman HV
No of Filters Used:	1
Volume Filtered (L):	56.71
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):	56.71

Analytical Results
Matrix Spike Results

Analyte	Total (Oo) cysts/L	Recovered (Oo) cysts/L	Spike Dose (Oo) cysts/L	Percent Recovery
<i>Giardia</i>	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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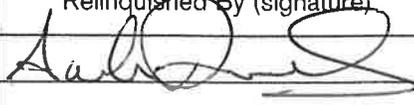
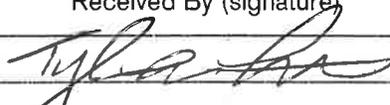
CHAIN OF CUSTODY RECORD

Ship to: Analytical Services, Inc., 130 Allen Brook Lane, Williston, VT 05495, Attn: Sample Management
 Phone: 1-800-723-4432 or 802-878-5138 • Fax: 802-878-6765 Web site: www.analyticalservices.com

Submitted By: <u>WCD #1</u>		Report To: _____	
Phone: <u>914 231 1286</u> Fax: _____		Phone: _____ Fax: _____	
Project Name	<u>WCD #1 LT2</u>	Invoice To: _____	
Job Site	<u>Kensico Dam</u>	_____	
P.O. Number	_____	Phone: _____ Fax: _____	

Sample Identification*	Sample Collection		Sample Matrix						Analysis Requested
	Date	Time	check one						
			Water - Raw	Water - Finished	Waste Water	Biosolids	Soil/Sediment	Other	
RAW WATER	10-20-15	0800	✓						Crypto
RAW WATER	10-20-15	0815	✓						Crypto

*Sample ID should match ID written on the sample containers and data sheets. Sample ID will appear on the report for identification.

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
	0900 10-21-15		10/22/15 1020
Field Comments:		Lab Comments:	
		43°C	

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CHAIN OF CUSTODY RECORD

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Submitted By: _____ <i>WWD #1</i>		Report To: _____	
Phone: <i>914 231 1286</i> Fax: _____		Phone: _____ Fax: _____	
Project Name	<i>WWD 1 LT 2</i>	Invoice To: _____	
Job Site	<i>Kensico Dam</i>	_____	
P.O. Number	_____	Phone: _____ Fax: _____	

Sample Identification*	Sample Collection		Sample Matrix						Analysis Requested
	Date	Time	check one						
			Water - Raw	Water - Finished	Waste Water	Biosolids	Soil/Sediment	Other	
<i>RAW WATER</i>	<i>10-20-15</i>	<i>0830</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>CRYPTO</i>				
<i>RAW WATER</i>	<i>10-20-15</i>	<i>0845</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>CRYPTO</i>				

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Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
<i>[Signature]</i>	<i>0900 10-2-15</i>	<i>[Signature]</i>	<i>10/22/15 1020</i>
Field Comments:		Lab Comments:	
		<i>4.5°C</i>	

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CHAIN OF CUSTODY RECORD

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 Phone: 1-800-723-4432 or 802-878-5138 • Fax: 802-878-6765 Web site: www.analyticalservices.com

Submitted By: <u>WCD #1</u>		Report To: _____	
Phone: <u>914 231 1286</u> Fax: _____		Phone: _____ Fax: _____	
Project Name	<u>WCD 1 LT2</u>	Invoice To: _____	
Job Site	<u>Keosauqua Dam</u>	_____	
P.O. Number	_____	Phone: _____ Fax: _____	

Sample Identification*	Sample Collection		Sample Matrix						Analysis Requested
	Date	Time	check one						
			Water - Raw	Water - Finished	Waste Water	Biosolids	Soil/Sediment	Other	
<u>RAW WATER</u>	<u>10-20-15</u>	<u>0900</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>CRYPTO</u>				
<u>RAW WATER</u>	<u>10-20-15</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
<u>Audrey Dually</u>	<u>0900 10-20-15</u>	<u>[Signature]</u>	<u>10/22/15 1020</u>
Field Comments:		Lab Comments:	
		<u>4.9°C</u>	

psk