



Microbac Laboratories, Inc., Sayre Division
CERTIFICATE OF ANALYSIS

S1H0016

Town of Chenango

Project Name: Water Quality Parameters (WQP)

Don Benjamin
 1529 NY Route 12
 Binghamton, NY 13901

Project / PO Number: N/A
 Received: 10/06/2021
 Reported: 10/24/2021

Project Special Information

PWS ID# 0301653
 CC: Broome County DOH

Analytical Testing Parameters

Client Sample ID:	EP 110 Applewood	Collected By:	Lucas Mooney
Sample Matrix:	Drinking Water	Collection Date:	10/06/2021 11:15
Lab Sample ID:	S1H0016-01		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 300.0, Rv. 2.1 (1993) Phosphorus, o-Phosphate as P	<0.400		0.400	mg/L	A24		10/07/21 1013	BAC
Method: SM 2320 B-2011 Alkalinity, Total as CaCO3 to pH 4.5	203		6.0	mg CaCO3/L	A35	10/11/21 1200	10/11/21 1330	MKM
Method: SM 2510 B-2011 Conductivity (at 25°C)	1001		1.0	umhos/cm		10/08/21 1535	10/08/21 1545	KTR
Method: SM 4500-H+ B-2011 pH (corrected to 25°C)	7.5		1.0	NA	H4, Y	10/07/21 1530	10/07/21 1535	KTR
Metals Total by ICP	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Calculation Calcium Hardness as CaCO3	192		0.499	mg/L		10/11/21 2128	10/11/21 2128	SEA
Method: EPA 200.7, Rv. 4.4 (1994) Calcium	77.1		0.20	mg/L		10/11/21 2128	10/11/21 2128	SEA

Results in bold have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.



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Definitions

- A24:** The sample was not filtered within 15 minutes of sample collection as specified in the analytical method. The samples were filtered in the laboratory prior to sample digestion and/or analysis.
- A35:** Sample container was not full at receipt
- H4:** The test was performed outside of the EPA recommended holding time of 15 minutes.
- mg CaCO3/L** Milligrams Calcium Carbonate per Liter
- mg/L:** Milligrams per Liter
- NA:** Not Applicable
- NYVOA:** New York DOH Part 5 Public Water System MCLs
- RL:** Reporting Limit
- umhos/cm:** Umhos per Centimeter
- Y:** This analyte is not on the laboratory's current scope of accreditation.

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division
10121

New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

Chris Long
Senior Director
Reported: 10/24/2021 22:31

Microbac Laboratories, Inc.

2369 Elmira Street | Sayre, PA 18840 | 570-888-0169 p | www.microbac.com



Chain of Custody

Microbac Laboratories, Inc., Sayre Division

Lab Manager: Renee Lantz
 S1H0016

TAT 7 days

Project Name: Water Quality Parameters (WQP)

Town of Chenango

Project/PO Number: N/A
 Tenatively Scheduled: 8/18/2021
 Route: CRT-Shipped Bottle Orders

Don Benjamin
 1529 NY Route 12
 Binghamton, NY 13901
 Phone: (607) 648-4809

Client Sample ID: EP 110 Applewood

Lab Sample ID: S1H0016-01

Matrix: Drinking Water

Type: Grab

Sampled Date & Time: 10/6/21 11:54am

Analysis	Method	Field Results/Comments	Hold Time
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Hardness Ca 200.7 Group	NA		180.00 days
pH	SM 4500-H+ B-2011		15.00 mins
Temperature	SM 2550 B-2010	Auto-Included	15.00 mins
Alkalinity TIT	SM 2320 B-2011		14.00 days
Conductivity	SM 2510 B-2011		28.00 days
PHOS Ortho SM	SM 4500-P E-1999		2.00 days
200.7 Ca	EPA 200.7, Rv. 4.4 (1994)		180.00 days

Container(s)	Designator
250ml-Bottle HDPE	A
1L-Bottle HDPE	B
250ml-Bottle HDPE-HNO3	C

Sampled/Relinquished by:	Date/Time:	Received by:	Printed Name:
<i>[Signature]</i>	10/6/21 12:34	<i>[Signature]</i>	
<i>[Signature]</i>	10/6/21 12:34	<i>[Signature]</i>	
<i>[Signature]</i>	10/6/21 12:34	<i>[Signature]</i>	
<i>[Signature]</i>	10/6/21 12:34	<i>[Signature]</i>	
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<i>[Signature]</i>	10/6/21 12:34	<i>[Signature]</i>	

As Received at Laboratory: On Ice: Yes/No Yes Temp: 15.5 °C Thermometer ID: 044 Total Containers: 3.00

Microbac Laboratories may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to an appropriately accredited laboratory. By signing this document you are acknowledging that you have been informed by Microbac that testing could be subcontracted and agree with this arrangement.

Notes: