



Microbac Laboratories, Inc., Sayre Division  
**CERTIFICATE OF ANALYSIS**

S1H0015

**Town of Chenango**

**Project Name: Water Quality Parameters (WQP)**

Don Benjamin  
 1529 NY Route 12  
 Binghamton, NY 13901

Project / PO Number: N/A  
 Received: 09/23/2021  
 Reported: 10/04/2021

**Project Special Information**

PWS ID# 0301653  
 CC: Broome County DOH

**Analytical Testing Parameters**

<b>Client Sample ID:</b> Applewood	<b>Collected By:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 09/23/2021 11:00
<b>Lab Sample ID:</b> S1H0015-01	

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 300.0, Rv. 2.1 (1993)</b> Phosphorus, o-Phosphate as P	<0.800		0.800	mg/L	<b>A24</b>		09/24/21 2241	BAC
<b>Method: SM 2320 B-2011</b> Alkalinity, Total as CaCO3 to pH 4.5	202		6.0	mg CaCO3/L		09/27/21 1100	09/27/21 1330	MKM
<b>Method: SM 2510 B-2011</b> Conductivity (at 25°C)	883.0		1.0	umhos/cm		09/28/21 1520	09/28/21 1535	KTR
<b>Method: SM 4500-H+ B-2011</b> pH (corrected to 25°C)	7.4		1.0	NA	<b>H4</b>	09/24/21 1530	09/24/21 1550	KTR
Metals Total by ICP	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: Calculation</b> Total Hardness as CaCO3	260		1.32	mg/L		09/24/21 2023	09/24/21 2023	SEA
<b>Method: EPA 200.7, Rv. 4.4 (1994)</b> Calcium	82.4		0.20	mg/L		09/24/21 2023	09/24/21 2023	SEA
Magnesium	13.1		0.20	mg/L		09/24/21 1406	09/24/21 2023	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.
- 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

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division  
10121  
02-00257

New York State Department of Health  
PA Department of Environmental Protection  
PADEP Accreditation by Rule

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:

Renee Lantz  
Customer Relationship Specialist  
Reported: 10/04/2021 08:11

Microbac Laboratories, Inc.

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Chain of Custody

Microbac Laboratories, Inc., Sayre Division

Lab Manager: Renee Lantz



S1H0015

TAT 7 days

Town of Chenango

Project Name: Water Quality Parameters (WQP)

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

Project/PO Number: N/A  
Tenatively Scheduled: 8/4/2021  
Route: CRT-Shipped Bottle Orders

Client Sample ID: Apple wood

Lab Sample ID: S1H0015-01

Matrix: Drinking Water

Sampled Date & Time: 9/23/21 11 AM

Type: Grab

Analysis	Method	Field Results/Comments	Hold Time
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: <u>[Signature]</u>	Date/Time: <u>9/23/21</u>	Received by: <u>[Signature]</u>
Printed Name: <u>Lukey Mooney</u>	<u>1138AM</u> <u>1400</u>	Printed Name:
Relinquished by: <u>[Signature]</u>	Date/Time: <u>9-23-21</u>	Received by:
Printed Name:	<u>1605</u>	Printed Name:
Relinquished by:	Date/Time:	Received by:
Printed Name:		Printed Name:

As Received at Laboratory: On Ice:  Yes / No Temp: 2.1 °C Thermometer ID: \_\_\_\_\_ 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: