



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S2K0013

Town of Chenango

Greg Burden
1529 NY ROUTE 12
Binghamton, NY 13901

Project Name: Water Quality Parameters (WQP)

Project / PO Number: N/A
Received: 12/09/2022
Reported: 01/10/2023

Project Special Information

PWS ID# 0301653
CC: Broome County DOH

Analytical Testing Parameters

Client Sample ID:	EP 110 Applewood	Collected By:	Luke Mooney
Sample Matrix:	Drinking Water	Collection Date:	12/08/2022 10:55
Lab Sample ID:	S2K0013-01		

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 2340 B-1997								
Calcium Hardness as CaCO ₃ (Calc)	220		0.125	mg CaCO ₃ /L		01/04/23 1139	01/04/23 1544	DLO
Metals Total by ICP								
Method: EPA 200.7, Rv. 4.4 (1994)								
Calcium	87.9		0.0500	mg/L		01/04/23 1139	01/04/23 1544	DLO

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 2320 B-2011								
Alkalinity to pH 4.5	232		20.0	mg CaCO ₃ /L		12/19/22 1016	12/19/22 1120	ERW
Method: SM 2510 B-2011								
Conductivity (at 25°C)	731		2.00	umhos/cm		12/13/22 1638	12/13/22 1657	ERW
Method: SM 4500-P E-1999								
Ortho-phosphate as P	<0.0500		0.0500	mg/L	H	12/23/22 0945	12/23/22 1017	MEC
General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 2550 B-2010								
Temperature	15.6			°C	H4,Y		12/16/22 1430	ERW
Method: SM 4500-H+ B-2011								
pH	7.65		0.0100	S.U.	H4,Y		12/16/22 1430	ERW

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.

Microbac Laboratories, Inc.

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Microbac Laboratories, Inc., Sayre Division

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Definitions

°C:	Degrees Celsius
H:	Sample was analyzed past holding time.
H4:	The test was performed outside of the EPA recommended holding time of 15 minutes.
mg CaCO ₃ /L	Milligrams Calcium Carbonate per Liter
mg/L:	Milligrams per Liter
NYVOA:	New York DOH Part 5 Public Water System MCLs
RL:	Reporting Limit
S.U.:	Standard Units
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. - Dayville
11549

New York State Department of Health

Microbac Laboratories, Inc., Pittston Division
12150

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:

Renee Lantz
Customer Relationship Specialist
Reported: 01/10/2023 22:35

Microbac Laboratories, Inc.

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S2K0013

TAT 7 days

Town of Chenango

Greg Burden
1529 NY ROUTE 12
Binghamton, NY 13901
Phone: (607) 760-6240

Project Name: Water Quality Parameters (WQP)

Project/PO Number: N/A
Tenatively Scheduled: 11/2/2022
Route: CRT-Shipped Bottle Orders

Client Sample ID: Ep 110 ApplewoodLab Sample ID: **S2K0013-01**Matrix: **Drinking Water**Type: **Grab**Sampled Date & Time: 12/8/22 1055 AM

<u>Analysis</u>	<u>Method</u>	<u>Field Results/Comments</u>	<u>Hold Time</u>
200.7 Hardness Ca CALC PKG	varies	Ca Hardness Calc	180.00 days
pH SM4500-H_B	SM 4500-H+ B-2011		15.00 mins
Temp SM2550-B C	SM 2550 B-2010	Auto-Included	15.00 mins
Alkalinity Total SM2320-B	SM 2320 B-2011		14.00 days
Cond EC SM2510-B	SM 2510 B-2011		28.00 days
o-Phos PO4 SM4500-P-E	SM 4500-P E-1999		2.00 days
200.7 Ca	EPA 200.7, Rv. 4.4 (1994)		180.00 days

Container(s)

250ml-Bottle HDPE
1L-Bottle HDPE
250ml-Bottle HDPE-HNO3

Designator

A
B
C

Sampled by / Relinquished by: <u>Luke Mooney</u>	Date/Time: <u>12/8/22 1pm</u>	Received by: <u>[Signature]</u>	Date/Time: <u>12-8-22 1629</u>
Printed Name: <u>Luke Mooney</u>		Printed Name:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Printed Name:		Printed Name:	
Relinquished by:	Date/Time:	Received by: <u>Sara Leckleitner</u>	Date/Time: <u>12/9/22 7:10</u>
Printed Name:		Printed Name: <u>Sara Leckleitner</u>	

As Received at Laboratory: On Ice: (Yes) / No Temp: 2.0 °C Thermometer ID: 10 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:



SUBCONTRACTED CHAIN OF CUSTODY

S2K0013

SENDING LABORATORY:

Microbac Laboratories, Inc., Sayre Division
2369 Elmira Street
Sayre, PA 18840
Phone: 570-888-0169
Lab Manager: Renee Lantz
Email: Results: PennNYlab@microbac.com

RECEIVING LABORATORY:

Microbac - OVD
158 Starlite DR
Marietta, OH 45750
Phone: (740) 373-4071

Invoices: PennNYinvoice@microbac.com

Project Info: Client Name: Client: Chenango, Town of
Project Name: DW-Water Quality Parameters (WQP)
Project No: Water Quality Parameters (V) Project Type: ENV-Drinking Water
PWSID: PWS ID# 0301653 Project Location: New York

Report TAT: 7
Due: 12/20/2022 17:00

Project Requested Certifications

New York State Department of Health

Project Requested Certifications

New York State Department of Health

Sample ID: S2K0013-01

Sampled: 12/08/2022 10:55

Sampler: Luke Mooney

Matrix: Drinking Water

Description: EP 110 Applewood

Analysis	Method	Analysis Due	Expires	Network \$
o-Phos PO4 SM4500-P-E	SM 4500-P E-1999	12/20/2022 08:00	12/10/2022 10:55	\$ 13.60

Containers Supplied:
A: 250ml-Bottle HDPE

S2 12/12/22
Released By Date Received By Date
Brenda Gregory 12/14/22 C1106
Released By 12/20/22 C1400 Date Received By 2.7 #4 12/21/22
Melissa Butcher 13:15