



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S3C0017

Town of Chenango

Greg Burden
1529 NY ROUTE 12
Binghamton, NY 13901

Project Name: Water Quality Parameters (WQP)

Project / PO Number: N/A
Received: 03/13/2023
Reported: 04/05/2023

Project Special Information

PWS ID# 0301653
CC: Broome County DOH

Analytical Testing Parameters

Client Sample ID: EP 110 Applewood
Sample Matrix: Drinking Water
Lab Sample ID: S3C0017-01

Collected By: Luke Mooney
Collection Date: 03/13/2023 10:00

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

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.7, Rv. 4.4 (1994) Calcium Hardness as CaCO ₃ (Calc)	218		0.499	mg CaCO ₃ /L		03/31/23 1146	03/31/23 1327	JXY
Method: SM 2320 B-2011 Alkalinity to pH 4.5, Total	214		20.0	mg CaCO ₃ /L	A4	03/14/23 1115	03/14/23 1217	MAS
Method: SM 2510 B-2011 Conductivity (at 25°C)	917		2.00	umhos/cm		03/16/23 1330	03/16/23 1344	ERW
Method: SM 4500-P E-1999 Ortho-phosphate as P	<0.0500		0.0500	mg/L		03/14/23 0725	03/14/23 0738	MEC
General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 2550 B-2010 Temperature	18.1			°C	H4,Y	03/15/23 1242	03/15/23 1412	ERW
Method: SM 4500-H+ B-2011 pH	7.78		0.0100	S.U.	H4,Y	03/15/23 1242	03/15/23 1412	ERW
Metals Total by ICP	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.7, Rv. 4.4 (1994) Calcium	87.3		0.200	mg/L		03/31/23 1146	03/31/23 1327	JXY

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

°C:	Degrees Celsius
A4:	Sample was received with headspace.
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., 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: 04/05/2023 23:07



S3C0017

TAT 7 days

Town of Chenango

Greg Burden
1529 NY ROUTE 12
Binghamton, NY 13901
Phone: (607) 760-6240
greg.burden@townofchenango.com

Project Name: Water Quality Parameters (WQP)

Project/PO Number: N/A
Tentatively Scheduled: 3/15/2023
Route: CRT-Shipped Bottle Orders

Client Sample ID: Ep 110 Applewood

Lab Sample ID: S3C0017-01

Matrix: Drinking Water

Type: Grab

Sampled Date & Time: 3/13/23 10am

Analysis	Method	Field Results/Comments	Hold Time
200.7 Ca	EPA 200.7, Rv. 4.4 (1994)		180 days
200.7 Hardness Ca CALC PKG	varies	Ca Hardness Calc	180 days
Alkalinity Total SM2320-B	SM 2320 B-2011		14 days
Cond EC SM2510-B	SM 2510 B-2011		28 days
o-Phos PO4 SM4500-P-E	SM 4500-P E-1999		2 days
pH SM4500-H_B	SM 4500-H+ B-2011		15 mins
Temp SM2550-B C	SM 2550 B-2010	Auto-Included	15 mins
Container(s)			Designator
1L-Bottle HDPE			A
250ml-Bottle HDPE			B
250ml-Bottle HDPE-HNO3			C

Sampled/Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/13/23 1200</u>	Received by: <u>[Signature]</u>
Printed Name: <u>LUKE MOONEY</u>	<u>3/13/23 PM</u>	Printed Name: <u>KRISTEN BUNKER</u>
Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/13/2023 1520</u>	Received by: <u>[Signature]</u>
Printed Name: <u>KRISTEN BUNKER</u>	<u>3/13/2023</u>	Printed Name: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Date/Time: <u>3/13/2023 1730</u>	Received by: <u>[Signature]</u>
Printed Name: <u>[Signature]</u>	<u>1730</u>	Printed Name: <u>Alyssa Tirella</u>

As Received at Laboratory: On Ice: ☒ Yes / No Temp: 3.8 °C Thermometer ID: 9 Custody Seal: Yes / No / NA

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: