



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S2J0047

Town of Chenango

Project Name: Water Quality Parameters (WQP)

Greg Burden
1529 NY ROUTE 12
Binghamton, NY 13901

Project / PO Number: N/A
Received: 11/03/2022
Reported: 11/30/2022

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: S2J0047-01
Collected By: Luke Mooney
Collection Date: 11/02/2022 11:45

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals Total by ICP, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Calcium, 85.1, 0.0500, mg/L, 11/09/22 1457, 11/09/22 2014, DLO.

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

Table with 9 columns: Inorganics Total, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Alkalinity to pH 4.5, 222, 20.0 mg CaCO3/L, A4, 11/14/22 1500, 11/14/22 1625, MAS.

Table with 9 columns: Method: SM 2510 B-2011, Conductivity (at 25°C), 943, 2.00 umhos/cm, 11/03/22 1400, 11/03/22 1405, ERW.

Table with 9 columns: General Parameters, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Temperature, 19.3, °C, H4,Y, 11/03/22 1137, 11/03/22 1145, ERW.

Table with 9 columns: Method: SM 4500-H+ B-2011, pH, 7.79, 0.0100 S.U., H4,Y, 11/03/22 1137, 11/03/22 1145, 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., Sayre Division

CERTIFICATE OF ANALYSIS

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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 CaCO3/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: 11/30/2022 19:49



TAT 7 days

Town of Chenango

Project Name: Water Quality Parameters (WQP)

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

Project/PO Number: N/A
Tenatively Scheduled: 10/19/2022
Route: CRT-Shipped Bottle Orders

Client Sample ID: Ep 110 Applewood

Lab Sample ID: S2J0047-01

Matrix: Drinking Water

Sampled Date & Time: 11/2/22 1045AM

Type: Grab

Analysis	Method	Field Results/Comments	Hold Time
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)	Designator
250ml-Bottle HDPE	A
1L-Bottle HDPE	B
250ml-Bottle HDPE-HNO3	C

Sampled by / Relinquished by: <u>[Signature]</u>	Date/Time: <u>11/2/22 12pm</u>	Received by: <u>[Signature]</u>	Date/Time: <u>11-2-22 1354</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>[Signature]</u>	Date/Time:
Printed Name:		Printed Name: <u>Karina Cooks</u>	<u>11-3-22 7103</u>

As Received at Laboratory: On Ice: Yes/No Yes Temp: 0.7 °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: