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Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S2C0011

Town of Chenango

Bruce Canova
1529 NY ROUTE 12
Binghamton, NY 13901

Project Name: Water Quality Parameters (WQP)

Project / PO Number: N/A
Received: 02/24/2022
Reported: 03/16/2022

Project Special Information

PWS ID# 0301653
CC: Broome County DOH

Analytical Testing Parameters

Client Sample ID:	EP 110		
Sample Matrix:	Drinking Water	**Collected By:**	Client
Lab Sample ID:	S2C0011-01	**Collection Date:**	02/24/2022 11:00

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICP	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.7, Rv. 4.4 (1994)								
Calcium Hardness as CaCO3 (Calc)	217		0.125	mg/L		03/02/22 1202	03/02/22 1744	DLO
Calcium	86.8		0.0500	mg/L		03/02/22 1202	03/02/22 1744	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	210		20.0	mg CaCO3/L		02/28/22 1339	02/28/22 1400	MAS
Method: SM 2510 B-2011								
Conductivity (at 25°C)	954		2.00	umhos/cm		03/03/22 1328	03/05/22 1349	ART
Method: SM 4500-P E-1999								
Ortho-phosphate as P	0.113		0.0500	mg/L		02/25/22 1145	02/25/22 1150	LXB

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 2550 B-2010								
Temperature	21.1			°C	**H4,Y**	02/28/22 1405	02/28/22 1447	AMS
Method: SM 4500-H+ B-2011								
pH	8.18		0.0100	S.U.	**H4,Y**	02/28/22 1405	02/28/22 1447	AMS

*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.*

CERTIFICATE OF ANALYSIS

S2C0011

Definitions

°C:	Degrees Celsius
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., New York Division	
NY Lab ID No.: 10795	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: 03/16/2022 18:14

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Chain of Custody

Microbac Laboratories, Inc., Sayre Division

Lab Manager: Renee Lantz

S2C0011

TAT 7 days

Town of Chenango

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

Project Name: Water Quality Parameters (WQP)

Project/PO Number: N/A
Tenatively Scheduled: 3/2/2022
Route: CRT-Shipped Bottle Orders

Client Sample ID: Ep 110
Lab Sample ID: S2C0011-01
Matrix: Drinking Water
Type: Grab

Sampled Date & Time: 2/24/22 11am

Analysis	Method	Field Results/Comments	Hold Time
200.7 Hardness Ca CALC PKG	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
Cond EC SM2510-B	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

Relinquished by:	Date/Time:	Received by:	Date/Time:
Printed Name: Luke Mooney	2/24/22 12pm	Printed Name:	2/24/22 14:45
Relinquished by:	Date/Time: 2.24.22 15:40	Received by: Dexter	Date/Time: 2.24.22 15:40
Printed Name:		Printed Name: Thom Dexter	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Printed Name:		Printed Name:	

As Received at Laboratory: On Ice (Yes / No) Temp: 4.0°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: