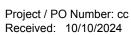


Microbac Laboratories, Inc., Lee **CERTIFICATE OF ANALYSIS** E4J0334

Project Name: Roxbury CT-



Received: 10/10/2024 Reported: 10/16/2024



Case Narrative

Lab Sample ID:

This water sample does not meet the established EPA MCL's for potability for one or more parameters.

Analytical Testing Parameters

Roxbury CT Client Sample ID: Sample Matrix: **Drinking Water**

E4J0334-01

Collected By:

10/10/2024 11:30 **Collection Date:**

Client

Analyses	Performed	by: Microbac	Laboratories,	Inc Dayville

Analyses Performed by: Microbac Laboratories, Inc Dayville									
Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst	
Method: SM 2340 B-2011									
Hardness, Total	25.4		0.210 n	ng CaCO3/L		10/14/24 1032	10/14/24 1640	JSK	
Method: SM 2540 C-1997				_					
Total Dissolved Solids (TDS)	62.0	500 SMCL	10.0	mg/L	R3	10/11/24 2240	10/15/24 2035	AMF	
Method: SM 4500-NO3 ⁻ F-2000									
Nitrate as N	0.347	10 MCL	0.0500	mg/L			10/11/24 2347	DCH	
Nitrite as N	<0.0100	1 MCL	0.0100	mg/L			10/11/24 2347	DCH	
Method: SM 4500-SO4 E-1997									
Sulfate	7.35	250 SMCL	5.00	mg/L			10/15/24 1616	CLW	
General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst	
Method: SM 2130 B-2001						•			
Turbidity	0.261		0.100	NTU			10/11/24 1913	MOS	
· and and	0.20		000				10/11/21 1010	moo	
Method: SM 4500-H+ B-2000									
pH	8.31	6.50-8.5		S.U.	H1		10/11/24 1913	MOS	
		SMCL							
Method: SM 4500-H+ B-2011									
Temperature	17.9			°C			10/11/24 1913	MOS	
remperature	17.9			C			10/11/24 1913	MOS	
Metals Total by ICP	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst	
Method: EPA 200.7, Rv. 4.4 (1994)									
Calcium	6.38		0.0500	mg/L		10/14/24 1032	10/14/24 1640	JSK	
Manganese	<0.00204	0.05 SMCL	0.00204	mg/L		10/14/24 1032	10/14/24 1640	JSK	
Iron	<0.0500	0.3 SMCL	0.0500	mg/L		10/14/24 1032	10/14/24 1640	JSK	
Magnesium	2.29		0.0510	mg/L	Y1	10/14/24 1032	10/14/24 1640	JSK	
Sodium	5.48		1.02	mg/L		10/14/24 1032	10/14/24 1640	JSK	



Microbac Laboratories, Inc., Lee CERTIFICATE OF ANALYSIS

E4J0334

Client Sample ID: Roxbury CT

Sample Matrix: Drinking Water Collected By: Client

Lab Sample ID: E4J0334-01 Collection Date: 10/10/2024 11:30

Metals Total by ICP Result Limit(s) RL Units Note Prepared Analyzed Analyst

Anions by IC Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 300.0, Rv. 2.1 (1993)

Chloride 8.47 250 SMCL 1.00 mg/L 10/14/24 1656 ADF

Analyses Performed by: Microbac Laboratories, Inc., Lee

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert-18)-2004								
Total coliforms	Present			per 100mL		10/10/24 1615	10/11/24 1044	JRS
Escherichia coli	Absent			per 100mL		10/10/24 1615	10/11/24 1044	JRS

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.

Definitions

°C: Degrees Celsius

H1: Sample was received past holding time.MCL: US EPA Maximum Contaminant Levelmg CaCO3/L Milligrams Calcium Carbonate per Liter

mg/L: Milligrams per Liter

NTU: Nephelometric Turbidity Units

R3: Duplicate RPD is outside of acceptance criteria. The difference between the results is less than 2x Method Reporting

Limit.

RL: Reporting Limit S.U.: Standard Units

SMCL: US EPA Secondary Maximum Contaminant Level

Y1: Accreditation is not offered by the accrediting body for this analyte.

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville

M-CT008
Microbac Laboratories, Inc., Lee

Massachusetts Department of Environmental Protection

M-MA1146 Massachusetts Department of Environmental Protection

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:

hristine hivenul bey nolds

Christine F. Reynolds
Service Center Manager
Reported: 10/16/2024 16:48