



1315 Cherry, Helena, MT 59601
(406)449-6282

Client: **Summer Spring**

Date Reported: 16-Jun-23

Sample ID: **Interior Faucet**

Project ID: 5643 Montana Moose

Chain of Custody #: 98

Site ID: Helena, MT 59602

Laboratory ID: 05G257	Date / Time Sampled: 09-Jun-23 @ 13:25
Sample Matrix: Water	Date / Time Received: 09-Jun-23 @ 14:45

Parameter	AR	MCL	SCL	Analyzed		Method Reference
				Date/Time	By	
Total Coliform, colonies/100 mL	126	0	NR	09-Jun-23 @ 17:00	CE	SM 9223
E-Coli, colonies/100 mL	0	0	NR	09-Jun-23 @ 17:00	CE	SM 9223
pH, s.u.	7.3	NR	6.5 - 8.5	12-Jun-23 @ 15:30	CE	EPA 150.1
Specific Conductivity, umho/cm	316	NR	NR	12-Jun-23 @ 14:45	CE	EPA 120.1
Calcium, mg/L	38.2	NR	NR	13-Jun-23 @ 15:23	CE	EPA 200.7
Magnesium, mg/L	9.18	NR	NR	13-Jun-23 @ 15:23	CE	EPA 200.7
Hardness, mg/L	133	NR	NR	13-Jun-23 @ 15:23	CE	SM 2340C
Hardness, grains	7.82	NR	NR	13-Jun-23 @ 15:23	CE	Calc.
Nitrate + Nitrite as N, mg/L	13.6	10	NR	15-Jun-23 @ 15:53	CE	EPA 300.0
Sulfate, mg/L	60.4	NR	250	15-Jun-23 @ 15:53	CE	EPA 300.0
Fluoride, mg/L	0.2	4.0	2.0	15-Jun-23 @ 11:15	CE	EPA 340.2
Total Dissolved Solids, mg/L	206	NR	500	12-Jun-23 @ 14:45	CE	EST 120.1
Arsenic, mg/L	<0.001	0.010	NR	13-Jun-23 @ 09:50	CE	EPA 200.8
Cadmium, mg/L	<0.001	0.005	NR	13-Jun-23 @ 09:50	CE	EPA 200.8
Chromium, mg/L	<0.001	0.100	NR	13-Jun-23 @ 09:50	CE	EPA 200.8
Iron, mg/L	0.67	NR	0.30	13-Jun-23 @ 15:23	CE	EPA 200.7
Manganese, mg/L	0.010	NR	0.050	13-Jun-23 @ 09:50	CE	EPA 200.8
Lead, mg/L	<0.001	0.015	NR	13-Jun-23 @ 09:50	CE	EPA 200.8
Selenium, mg/L	0.003	0.05	NR	13-Jun-23 @ 09:50	CE	EPA 200.7
Uranium, mg/L	0.006	0.030	NR	13-Jun-23 @ 09:50	CE	EPA 200.8

Comments:

AR - Analytical Result

MCL - Maximum Contaminant Limit for Drinking Water Standards set by EPA for Health Risk

SCL - Secondary Contaminant Limit for Drinking Water Standards set by EPA for Aesthetic Issues

NR - Not Regulated

References:

Methods for Chemical Analysis of Water and Wastes, US EPA, 600/4-79-020

Method 9223 B - QT, Colilert 18, Standard Methods for the Examination of Water and Wastewater.

Reviewed by: CE