



# BRIDGER ANALYTICAL LAB

7539 Pioneer Way Suite B, Bozeman, MT 59718 Phone: (406) 582-0822  
US EPA ID# MT00953 MT Certification Number CERT0094

Four Corners County Water & Sewer District  
495 Quail Run Road  
Bozeman, MT 59718

**Reported:**  
01/23/2020 15:53

**Project Name: Elk Grove Well January 2020 Testing**

**Client Sample ID: Elk Grove Booster**  
**Lab Sample ID: 2001278-01**

**Collection Date: 01/21/2020 11:15**  
**Collected By: Christine Maday**

Date Received: 01/21/2020

Analyte	Result	Units	RL	Qual	MCL	Method	Analysis Date/By
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## **Inorganic**

Chloride	4.84	mg/L	0.15		250	EPA 300.1	01/22/20 16:56/FAF
Conductivity	413	uS/cm	0.10			SM 2510 B	01/21/20 16:30/JSS
Hardness	204	mg/L	20.00	H-3		HACH 8213	01/23/20 11:00/DSL
Iron, Total	0.03	mg/L	0.02			HACH 8008	01/23/20 12:34/DSL
pH	7.69	S.U.	0.10			SM 4500-H+B	01/21/20 16:35/JSS
Sulfate	14.7	mg/L	0.10		250	EPA 300.1	01/22/20 16:56/FAF



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## Notes and Definitions

<b>Item</b>	<b>Definition</b>
H-3	Over 180 mg/L of total hardness as calcium carbonate is considered very hard water by the Water Quality Association.
cfu	Colony Forming Unit
MCL	Maximum Contaminant Level
mg/L	milligrams per liter (ppm)
mL	milliliter
MPN	Most Probable Number
ND	Not Detected
NTU	Nephelometric Turbidity Units
ppb	parts per billion ( $\mu\text{g/L}$ )
ppm	parts per million (mg/L)
RL	Reporting Limit
S.U.	Standard Units
$\mu\text{g/L}$	micrograms per liter (ppb)
$\mu\text{S/cm}$	microsiemens per centimeter