

**Analytical Results**

*Irrigation Water Quality*

**TASK NO: 240207032**

**Report To:** Thom Yoder

**Company:** Tabernash Meadows WSD  
P.O. Box 443  
Tabernash CO 80478

**Bill To:** Accounts Payable

**Company:** Tabernash Meadows WSD  
P.O. Box 443  
Tabernash CO 80478

<b>Task No.:</b> 240207032	<b>Date Received:</b> 2/7/24
<b>Client PO:</b>	<b>Date Reported:</b> 2/16/24
<b>Client Project:</b> Tabernash Meadows WSD CO0125720	<b>Matrix:</b> Water - Drinking

**Customer Sample ID** Finished Water 002

**Sample Date/Time:** 2/7/24 8:30 AM

**Lab No.** 240207032-01

Test (units)	Sample Result	Suggested Levels - Irrigation Use
Total Alkalinity (mg/L as CaCO3)	204.2	0-100
Bicarbonate (mg/L as CaCO3)	204.2	-
Carbonate (mg/L as CaCO3)	< 0.2	-
Hydroxide (mg/L as CaCO3)	< 0.2	-
Chloride (mg/L)	20.5	0-140
Nitrate Nitrogen (mg/L)	1.79	5+
Phosphate - Ortho (as P) (mg/L)	0.20	0.2-15
Phosphate - Ortho (as PO4) (mg/L)	0.62	-
Sulfate (mg/L)	11.4	24-240
Ammonia Nitrogen (mg/L)	0.08	-
Copper (mg/L)	< 0.1	0-0.2
Iron (mg/L)	< 0.005	2-5
Potassium (mg/L)	5.7	0.5-10
Manganese (mg/L)	< 0.05	-
Molybdenum (mg/L)	< 0.5	-
Calcium (mg/L)	78.7	40-120
Calcium Hardness (mg/L as CaCO3)	196	-
Magnesium (mg/L)	2.4	6-24
Sodium (mg/L)	16.6	0-50
Total Hardness (mg/L as CaCO3)	207	-
Zinc (mg/L)	< 0.1	-
Boron (mg/L)	< 0.05	0.2-0.8
pH (units)	7.28	-
Sodium Adsorption Ratio (units)	0.5	0-4
Salinity (umhos/cm @ 25c)	520	0-1500

**Abbreviations:**

mg/L = Milligrams Per Liter or PPM

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Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Fluoride	0.60 mg/L	EPA 300.0	0.10 mg/L	4	2/8/24	QC71256	NRP

**Abbreviations/ References:**

RL = Reporting Limit = Minimum Level  
mg/L = Milligrams Per Liter or PPM  
ug/L = Micrograms Per Liter or PPB  
mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.  
(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

MCL = Maximum contaminant level per the EPA  
ND = Not Detected at Reporting Limit.