

**TABLE 1**  
**ACCUTEST ANALYTICAL RESULTS**  
**13159 County Road 39, Permit #272956**  
**Platteville, Colorado**  
**Sample ID: Sierra 272956**

<b>Analyte, Units</b>	<b>4/4/2024 Result</b>
Alkalinity, Bicarbonate, mg/L	215
Alkalinity, Carbonate, mg/L	ND
Alkalinity, Total, mg/L	215
Bacteria, Iron Reducing, CFU/mL	2,200
Bacteria, Slime Forming, CFU/mL	13,000
Bacteria, Sulfate Reducing, CFU/mL	ND
Barium, mg/L	0.0073
Benzene, ug/L	ND
Boron, mg/L	0.101
Bromide, mg/L	1.6
Calcium, mg/L	73.6
Chloride, mg/L	198
Diesel Range Organics, mg/L	ND
Ethane, mg/L	ND
Ethylbenzene, ug/L	ND
Fluoride, mg/L	ND
Gasoline Range Organics, mg/L	ND
Iron, mg/L	ND
Magnesium, mg/L	14.7
Manganese, mg/L	0.0847
Methane, mg/L	ND
Nitrogen, Nitrate, mg/L	1.3
Nitrogen, Nitrite, mg/L	0.081
pH, Standard Units	7.82
Phosphorus, Total, mg/L	ND
Propane, mg/L	ND
Potassium, mg/L	5.14
Selenium, mg/L	ND
Sodium, mg/L	903
Specific Conductivity, $\mu$ mhos/cm	4,220
Strontium, mg/L	1.91
Sulfate, mg/L	1,700
Toluene, ug/L	ND
Total Dissolved Solids, mg/L	1,960
Xylene, Total, ug/L	ND

Notes:

ND (RL) = Non-detect (reporting limit)

Lab qualifiers (i.e. letters next to result) are defined in the lab report

**TABLE 2**  
**ISOTECH SIW RESULTS**  
**13159 County Road 39, Permit #272956**  
**Platteville, Colorado**  
**Sample ID: Sierra 272956**

<b>Analyte, Units</b>	<b>4/4/2024 Result</b>
dD of water, ‰ relative to VSMOW	-109.4
d18O of water, ‰ relative to VSMOW	-13.93
Tritium content of water, ‰	na
d13C of DIC, ‰ relative to VPDB	-17.3
14C content of DIC, ‰	na
d15N of nitrate, ‰	na
d18O of nitrate, ‰	na
d34S of sulfate, ‰	na
d18O of sulfate, ‰	na

Notes:

Isotopic analysis conducted at Isotech Laboratories Inc.

na = not analyzed