

**TABLE 1**  
**ACCUTEST ANALYTICAL RESULTS**  
**13159 County Road 39, Permit #78801-F-R**  
**Platteville, Colorado**  
**Sample ID: NGL 78801-F-R**

<b>Analyte, Units</b>	<b>4/4/2024 Result</b>	<b>10/31/2024 Result</b>
Alkalinity, Bicarbonate, mg/L	475	529
Alkalinity, Carbonate, mg/L	40.0	6.7
Alkalinity, Total, mg/L	515	536
Bacteria, Iron Reducing, CFU/mL	2,200	500
Bacteria, Slime Forming, CFU/mL	2,500	500
Bacteria, Sulfate Reducing, CFU/mL	27,000	ND
Barium, mg/L	0.0552	0.0504
Benzene, ug/L	ND	ND
Boron, mg/L	0.204	0.199
Bromide, mg/L	0.92	0.88
Calcium, mg/L	13.1	13.5
Chloride, mg/L	134	136
Diesel Range Organics, mg/L	ND	ND
Ethane, mg/L	0.0414	ND
Ethylbenzene, ug/L	ND	ND
Fluoride, mg/L	1.7	1.7
Gasoline Range Organics, mg/L	ND	ND
Iron, mg/L	ND	ND
Magnesium, mg/L	3.59	3.69
Manganese, mg/L	0.0110	0.0101
Methane, mg/L	4.67	5.12
Nitrogen, Nitrate, mg/L	ND	ND
Nitrogen, Nitrite, mg/L	ND	ND
pH, Standard Units	8.59	8.53
Phosphorus, Total, mg/L	0.036	ND
Propane, mg/L	0.0058	ND
Potassium, mg/L	1.99	1.98
Selenium, mg/L	ND	ND
Sodium, mg/L	360	360
Specific Conductivity, $\mu$ mhos/cm	1,680	1,680
Strontium, mg/L	0.386	0.389
Sulfate, mg/L	141	158
Toluene, ug/L	ND	ND
Total Dissolved Solids, mg/L	976	948
Xylene, Total, ug/L	ND	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 #78801-F-R**  
**Platteville, Colorado**  
**Sample ID: NGL 78801-F-R**

<b>Analyte, Units</b>	<b>4/4/2024 Result</b>	<b>10/31/2024 Result</b>
dD of water, ‰ relative to VSMOW	-104.0	-104.9
d18O of water, ‰ relative to VSMOW	-13.63	-13.71
Tritium content of water, ‰	na	na
d13C of DIC, ‰ relative to VPDB	-14.4	-14.4
14C content of DIC, ‰	na	na
d15N of nitrate, ‰	na	na
d18O of nitrate, ‰	na	na
d34S of sulfate, ‰	na	na
d18O of sulfate, ‰	na	na

Notes:

Isotopic analysis conducted at Isotech Laboratories Inc.

na = not analyzed

**TABLE 3**  
**ISOTECH NG4 RESULTS**  
**13159 County Road 39, Permit #78801-F-R**  
**Platteville, Colorado**  
**Sample ID: NGL 78801-F-R**

<b>Analyte, Units</b>	<b>4/4/2024 Result</b>	<b>10/31/2024 Result</b>
Carbon Monoxide, mol %	nd	nd
Helium, mol %	na	na
Hydrogen, mol %	nd	nd
Argon, mol %	0.592 (0.39 mg/L)	0.642 (0.47 mg/L)
Oxygen, mol %	0.60	2.23
Nitrogen, mol %	25.14 (10 mg/L)	29.22 (13 mg/L)
Carbon Dioxide, mol %	1.55	1.56
Methane, mol %	71.83 (19 mg/L)	66.07 (19 mg/L)
Ethane, mol %	0.259 (0.14 mg/L)	0.248 (0.15 mg/L)
Ethylene, mol %	nd	nd
Propane, mol %	0.0214 (0.016 mg/L)	0.0220 (0.018 mg/L)
Propylene, mol %	nd	nd
Iso-butane, mol %	0.0039	0.0043
N-butane, mol %	0.0031	0.0035
Iso-pentane, mol %	0.0007	0.0009
N-pentane, mol %	nd	0.0005
Hexanes + , mol %	0.0004	0.0005

Notes:

Isotopic analysis conducted at Isotech Laboratories, Inc.

<sup>a</sup> Chemical compositions  
are normalized to 100%

nd = not detected

na = not analyzed