

Table 2
Background Soil Sampling Results
Piceance 7 Well Plugging Project
COGCC

Parameter	BG01 WE Dudley (OWP) #1 1/26/2023	BG01 Savage Unknown (OWP) #1 1/26/2023	BG01 Verva Bowen (OWP) #1 2/6/2023	BG01 McDaniel (OWP) #1-11 4/20/2023	COGCC Table 915-1 Standard	COGCC Table 915-1 Standard*	
Laboratory ID	2301187-02	2301186-01	2302090-02	2304256-02	NA	NA	NA
Depth	0-1	0-1	0-1	0 - 0.67	NA	NA	feet bgs
PID	0.0	0.0	0.1	0.0	NA	NA	ppm
Conductivity	0.525	0.589	0.571	0.428	<4	<4	mmhos/cm
pH	8.24	7.69	7.22	7.83	6-8.3	6-8.3	pH units
SAR	4.05	0.12	0.21	1.15	<6	<6	no units
Calcium	23.4	93.7	79.4	47.4	NA	NA	mg/L
Magnesium	8.19	16.1	21.8	9.76	NA	NA	mg/L
Sodium	89.4	4.71	8.35	33.3	NA	NA	mg/L
Arsenic	6.20	7.26	3.78	4.60	0.68 or 1.25 x BG	0.29	mg/kg
Barium	255	160	100	9,170	15,000 or 0.68 x BG	82	mg/kg
Cadmium	<5.00	<5.00	<5.00	6.55	71 or 1.25 x BG	0.38	mg/kg
Chromium (VI)	<0.250	<0.250	<0.250	<0.250	0.3 or 1.25 x BG	0.00067	mg/kg
Total Chromium	11.4	14.4	15.1	19.9	NA	NA	mg/kg
Copper	13.7	13.2	5.45	34.1	3,100 or 1.25 x BG	46	mg/kg
Lead	10.5	12.9	10.9	<10.0	400 or 1.25 x BG	14	mg/kg
Nickel	9.85	11.8	7.86	24.5	1,500 or 1.25 x BG	26	mg/kg
Selenium	<20.0	<20.0	<20.0	<20.0	390 or 1.25 x BG	0.26	mg/kg
Silver	<1.00	<1.00	<1.00	<1.00	390 or 1.25 x BG	0.8	mg/kg
Zinc	43.7	53.3	41.6	52.2	23,000 or 1.25 x BG	370	mg/kg
Boron	2.01	<1.20	<1.20	0.328	2	2	mg/L

Notes:

PID - Photoionization Detector

SAR - Sodium Adsorption Ratio

NA - Not Applicable

ppm - parts per million

bgs - below ground surface

mmhos/cm - millihos per centimeter

mg/L - milligrams per liter

mg/kg - milligrams per kilogram

BG- Background

COGCC - Colorado Oil & Gas Conservation Commission

Bold values exceed COGCC Standard

Values reported below the laboratory detection limit are considered zero in Total TPH calculations.

* - COGCC Table 915 Protection of groundwater soil screening level concentrations.