

Table 2
Colorado State #2 Historic and Recent Flowline Releases
Groundwater Analytical Summary
Weld County, Colorado

Sample Number	Sample Date	BTEX (µg/L)				Inorganic Compounds (mg/L)													
		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total Alkalinity (CaCO ₃)	Bicarbonate Alkalinity (CaCO ₃)	Carbonate Alkalinity (CaCO ₃)	Chloride	Calcium	Iron	Magnesium	Manganese	Nitrogen, Nitrate/Nitrite	Potassium	Sodium	Sulfate	TDS	pH (s.u.)
COGCC Table 910-1 Concentration Levels		5	560 to 1000	700	1400 to 10,000	NE	NE	NE	< 1.25 x BG	NE	NE	NE	NE	NE	NE	NE	< 1.25 x BG	< 1.25 x BG	6 to 9
EGW-1	11/30/2018	3.36	2.54	11.4	83.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PZ-01	11/30/2018	ND	ND	ND	ND	312	312	ND	197	303.0	42.3	141.0	159	0.260	5.340	209.00	1,240	NA	7.09
	4/3/2019	NA	NA	NA	NA	NA	NA	NA	130	NA	NA	NA	NA	NA	NA	NA	1,670	2,900	NA
PZ-02	11/30/2018	ND	ND	ND	ND	262	262	ND	46.2	174.0	ND	82.80	0.305	0.199	7.120	65.20	578	NA	7.73
	4/3/2019	NA	NA	NA	NA	NA	NA	NA	41.8	NA	NA	NA	NA	NA	NA	NA	556	1,150	NA
PZ-03	11/30/2018	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.79
	4/3/2019	NA	NA	NA	NA	NA	NA	NA	80.5	NA	NA	NA	NA	NA	NA	NA	1,030	1,910	NA
PZ-04	11/30/2018	ND	ND	ND	ND	224	224	ND	50.5	NA	NA	NA	NA	NA	NA	NA	2,030	NA	7.63
	4/3/2019	NA	NA	NA	NA	NA	NA	NA	50.8	NA	NA	NA	NA	NA	NA	NA	1,990	3,210	NA

Colorado Oil and Gas Conservation Commission (COGCC), 900 Series, Exploration and Production Waste Management, Table 910-1, Concentration Levels, May 2018

CaCO₃ - Calcium Carbonate

pH (s.u.) - standard units

< 1.25 x BG - less than one and a quarter times background concentration

NE - Not established (COGCC Table 910-1 does not list a concentration level)

NA - Not Analyzed (Insufficient groundwater recharge to the piezometer - a sample could not be collected)

EGW-1: Excavation grab groundwater sample

PZ-01 through PZ-04: Temporary piezometers

Bold - Above COGCC Table 910-1 concentration level

ND - Not detected at or above the laboratory reporting limit